

2011 State Teacher Policy Yearbook

New Jersey

OVERALL GRADE

D+



National Council on Teacher Quality

Acknowledgments

STATES

State education agencies remain our most important partners in this effort, and their gracious cooperation has helped to ensure the factual accuracy of the final product. Every state formally received a draft of the *Yearbook* in July 2011 for comment and correction; states also received a final draft of their reports a month prior to release. All but one state responded to our inquiries. While states do not always agree with the recommendations, their willingness to acknowledge the imperfections of their teacher policies is an important first step toward reform.

We also thank the many state pension boards that reviewed our drafts and responded to our inquiries.

FUNDERS

The primary funders for the 2011 *Yearbook* were:

- Bill and Melinda Gates Foundation
- Gleason Family Foundation
- Carnegie Corporation of New York
- The Joyce Foundation
- George Gund Foundation

The National Council on Teacher Quality does not accept any direct funding from the federal government.

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Thank you to the team at CPS Gumpert for their design of the 2011 *Yearbook*. Thanks also to Colleen Hale and Jeff Hale at EFA Solutions for the original *Yearbook* design and ongoing technical support.



National Council on Teacher Quality

Executive Summary

For five years running, the National Council on Teacher Quality (NCTQ) has tracked states' teacher policies, preparing a detailed and thorough compendium of teacher policy in the United States on topics related to teacher preparation, licensure, evaluation, career advancement, tenure, compensation, pensions and dismissal.

The *2011 State Teacher Policy Yearbook* includes NCTQ's biennial, full review of the state laws, rules and regulations that govern the teaching profession. This year's report measures state progress against a set of 36 policy goals focused on helping states put in place a comprehensive framework in support of preparing, retaining and rewarding effective teachers. For the first time, the *Yearbook* includes a progress rating for states on goals that have been measured over time. An overall progress ranking is also included, showing how states compare to each other in moving forward on their teacher policies.

New Jersey at a Glance

Overall 2011 Yearbook Grade: **D+**

Overall 2009 Yearbook Grade: D+

| Area Grades | 2011 | 2009 |
|---|------|------|
| Area 1 <i>Delivering Well Prepared Teachers</i> | D+ | D |
| Area 2 <i>Expanding the Teaching Pool</i> | C | B- |
| Area 3 <i>Identifying Effective Teachers</i> | D+ | D+ |
| Area 4 <i>Retaining Effective Teachers</i> | C- | C- |
| Area 5 <i>Exiting Ineffective Teachers</i> | D | D+ |

Overall Progress

Progress
ranking
among states

36th

Amount of
progress
compared to
other states

Low

Highlights from recent progress in New Jersey include:

- Special education teacher preparation
- Teacher pension system neutrality

Area 1 Delivering Well Prepared Teachers

D+

Policy Strengths

- Middle school teachers may not teach on a K-8 generalist license, and they must appropriately pass a single-subject content test.
- The state does not offer a K-12 special education certification.

Policy Weaknesses

- Teacher candidates are not required to pass a test of academic proficiency as a criterion for admission to teacher preparation programs.
- Elementary teachers are not adequately prepared to teach the rigorous content associated with the Common Core Standards.
- Teacher preparation programs are not required to address the science of reading, and candidates are not required to pass a test to ensure knowledge.
- Neither teacher preparation program nor licensure test requirements ensure that new elementary teachers are adequately prepared to teach mathematics.
- Although most secondary teachers must pass a content test to teach a core subject area, some secondary social studies teachers are not required to pass content tests for each discipline they intend to teach.
- A pedagogy test is not required as a condition of licensure.
- There are no requirements to ensure that student teachers are placed with cooperating teachers who were selected based on evidence of effectiveness.
- The teacher preparation program approval process does not hold programs accountable for the quality of the teachers they produce.

Area 2 Expanding the Pool of Teachers

C

Policy Strengths

- Admission criteria for the alternate route to certification are selective although they lack flexibility for nontraditional candidates.
- Alternate route preparation is streamlined and relevant, and induction supports the immediate needs of new teachers.
- There are no limits on the usage of the alternate route, although there are some restrictions on providers.

Policy Weaknesses

- The state does not offer a license with minimal requirements that would allow content experts to teach part time.
- Out-of-state teachers are not required to meet the state's testing requirements, and there are additional obstacles that do not support licensure reciprocity.

Area 3 Identifying Effective Teachers

D+

Policy Strengths

- All teachers must be evaluated annually.

Policy Weaknesses

- The state data system does not have the capacity to provide evidence of teacher effectiveness.
- Objective evidence of student learning is not the preponderant criterion of teacher evaluations.
- Tenure decisions are not connected to evidence of teacher effectiveness.
- Licensure advancement and renewal are not based on teacher effectiveness.
- Although doing more than most states, more school-level data could be reported to support the equitable distribution of teacher talent.

Area 4 Retaining Effective Teachers

C-

Policy Strengths

- All new teachers receive mentoring.
- While there is a minimum state salary, districts are given authority for how teachers are paid; however, they are not discouraged from basing salary schedules solely on years of experience and advanced degrees.
- Retirement benefits are determined by a formula that is neutral, meaning that pension wealth accumulates uniformly for each year a teacher works.

Policy Weaknesses

- Professional development is not aligned with findings from teachers' evaluations.
- The state does not support performance pay or additional compensation for relevant prior work experience, working in high-need schools or teaching in shortage subject areas.
- Teachers are only offered a defined benefit pension plan as their mandatory pension plan, and pension policies are not portable, flexible or fair to all teachers.
- The pension system is significantly underfunded and employers do not make reasonable contributions.

Area 5 Exiting Ineffective Teachers

D

Policy Strengths

- All teachers must pass all required subject-matter tests as a condition of initial licensure.

Policy Weaknesses

- There is no assurance that teachers who receive unsatisfactory evaluations will be placed on structured improvement plans or that they will be eligible for dismissal if they fail to improve.
- Ineffective classroom performance is not grounds for dismissal, and tenured teachers who are dismissed have multiple opportunities to appeal.
- Seniority, rather than a teacher's performance in the classroom, is considered in determining which teachers to lay off during reductions in force.

New Jersey Goal Summary

Goal Breakdown

| | |
|---------------------------|----|
| ★ Best Practice | 2 |
| ● Fully Meets | 6 |
| ◐ Nearly Meets | 1 |
| ◑ Partially Meets | 8 |
| ◒ Only Meets a Small Part | 5 |
| ○ Does Not Meet | 14 |

Progress on Goals Since 2009

 2
  2
  25
 NEW GOAL 7

Area 1: Delivering Well Prepared Teachers

| | |
|--|---|
| 1-A: Admission into Preparation Programs | ◑ |
| 1-B: Elementary Teacher Preparation | ◐ |
| 1-C: Teacher Preparation in Reading Instruction | ◑ |
| 1-D: Teacher Preparation in Mathematics | ◑ |
| 1-E: Middle School Teacher Preparation | ● |
| 1-F: Secondary Teacher Preparation | ● |
| 1-G: Secondary Teacher Preparation in Science | ★ |
| 1-H: Secondary Teacher Preparation in Social Studies | ◑ |
| 1-I: Special Education Teacher Preparation | ◐ |
| 1-J: Assessing Professional Knowledge | ◑ |
| 1-K: Student Teaching | ◐ |
| 1-L: Teacher Preparation Program Accountability | ◐ |

Area 2: Expanding the Pool of Teachers

| | |
|--|---|
| 2-A: Alternate Route Eligibility | ◐ |
| 2-B: Alternate Route Preparation | ● |
| 2-C: Alternate Route Usage and Providers | ◐ |
| 2-D: Part Time Teaching Licenses | ◑ |
| 2-E: Licensure Reciprocity | ◑ |

Area 3: Identifying Effective Teachers

| | |
|----------------------------------|---|
| 3-A: State Data Systems | ◐ |
| 3-B: Evaluation of Effectiveness | ◐ |
| 3-C: Frequency of Evaluations | ● |
| 3-D: Tenure | ◑ |
| 3-E: Licensure Advancement | ◑ |
| 3-F: Equitable Distribution | ◐ |

Area 4: Retaining Effective Teachers

| | |
|---|---|
| 4-A: Induction | ● |
| 4-B: Professional Development | ◐ |
| 4-C: Pay Scales | ◐ |
| 4-D: Compensation for Prior Work Experience | ◑ |
| 4-E: Differential Pay | ◑ |
| 4-F: Performance Pay | ◑ |
| 4-G: Pension Flexibility | ◐ |
| 4-H: Pension Sustainability | ◐ |
| 4-I: Pension Neutrality | ● |

Area 5: Exiting Ineffective Teachers

| | |
|-------------------------------------|---|
| 5-A: Licensure Loopholes | ★ |
| 5-B: Unsatisfactory Evaluations | ◑ |
| 5-C: Dismissal for Poor Performance | ◑ |
| 5-D: Reductions in Force | ◑ |

About the Yearbook

The National Council on Teacher Quality (NCTQ) has long argued that no educational improvement strategies states take on are likely to have a greater impact than policies that seek to maximize teacher effectiveness. In this fifth edition of the *State Teacher Policy Yearbook*, NCTQ provides a detailed examination of state laws, rules and regulations that govern the teaching profession, covering the full breadth of policies including teacher preparation, licensure, evaluation, career advancement, tenure, compensation, pensions and dismissal.

The *Yearbook* is a 52-volume compendium of customized state reports for the 50 states and the District of Columbia, as well as a national summary overview, measuring state progress against a set of 36 specific policy goals. All of the reports are available from NCTQ's website at www.nctq.org/stpy.

The 36 *Yearbook* goals are focused on helping states put in place a comprehensive policy framework in support of preparing, retaining and rewarding effective teachers. The goals were developed based on input and ongoing feedback from state officials, practitioners, policy groups and other education organizations, as well as from NCTQ's own nationally respected advisory board. These goals meet five criteria for an effective reform framework:

1. They are supported by a strong rationale, grounded in the best research available. The rationale and research citations supporting each goal can be found at www.nctq.org/stpy.
2. They offer practical rather than pie-in-the-sky solutions for improving teacher quality.
3. They take on the teaching profession's most pressing needs, including making the profession more responsive to the current labor market.
4. They are, for the most part, relatively cost neutral.
5. They respect the legitimate constraints that some states face so that the goals can work in all 50 states.

The need to ensure that all children have effective teachers has captured the attention of the public and policy-makers across the country like never before. The *Yearbook* offers state school chiefs, school boards, legislatures and the many advocates who press hard for reform a concrete set of recommendations as they work to maximize teacher quality for their students.

How to Read the Yearbook


NCTQ rates state teacher policy in several ways.

For each of the 36 individual teacher policy goals, states receive two ratings. The first rating indicates whether, or to what extent, a state has met the goal. NCTQ uses these familiar graphics to indicate the extent to which each goal has been met:



A new feature of this year's *Yearbook* is a progress rating for each goal NCTQ has measured over time. These ratings are intended to give states a meaningful sense of the changes in teacher policy since the 2009 *Yearbook* was published. Using the symbols below, NCTQ determines whether each state has advanced on the goal, if the state policy has remained unchanged, or if the state has actually lost ground on that topic.

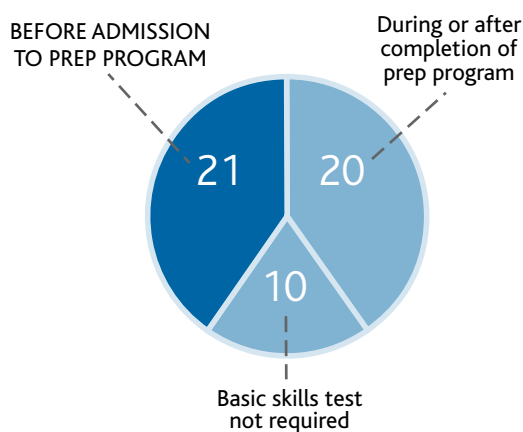


Some goals are marked with this symbol , which indicates that the bar has been raised for this goal since the 2009 *Yearbook*. With many states making considerable progress in advancing teacher effectiveness policy, NCTQ raised the standards for some goals where the bar had been quite low. As this may have a negative impact on some states' scores, those goals are always marked with the above symbol.

States receive grades in the five goal areas under which the 36 goals are organized: 1) delivering well prepared teachers; 2) expanding the pool of teachers; 3) identifying effective teachers; 4) retaining effective teachers and 5) exiting ineffective teachers. States also receive an overall grade that summarizes state performance across the five goal areas, giving an overall perspective on how states measure up against NCTQ benchmarks. New this year, states also receive an overall progress ranking, indicating how much progress each state has made compared to other states.

As always, the *Yearbook* provides a detailed narrative accounting of the policy strengths and weaknesses in each policy area for each state and for the nation as a whole. Best practices are highlighted. The reports are also chock full of reader-friendly charts and tables that provide a national perspective on each goal and serve as a quick reference on how states perform relative to one another, goal by goal.

Another new feature this year makes it easier to distinguish strong policies from weaker ones on our charts and tables. The policies NCTQ considers strong practices or the ideal policy positions for states are capitalized. This provides a quick thumbnail for readers to size up state policies against the policy option that aligns with NCTQ benchmarks for meeting each policy goal. For example, on the chart below, "BEFORE ADMISSION TO PREP PROGRAM" is capitalized, as that is the optimal timing for testing teacher candidates' academic proficiency.



Goals

AREA 1: DELIVERING WELL PREPARED TEACHERS

PAGE 9

1-A: Admission into Preparation Programs

The state should require undergraduate teacher preparation programs to admit only candidates with good academic records.

1-B: Elementary Teacher Preparation

The state should ensure that its teacher preparation programs provide elementary teachers with a broad liberal arts education, the necessary foundation for teaching to the Common Core Standards.

1-C: Teacher Preparation in Reading Instruction

The state should ensure that new elementary teachers know the science of reading instruction.

1-D: Teacher Preparation in Mathematics

The state should ensure that new elementary teachers have sufficient knowledge of the mathematics content taught in elementary grades.

1-E: Middle School Teacher Preparation

The state should ensure that middle school teachers are sufficiently prepared to teach appropriate grade-level content.

1-F: Secondary Teacher Preparation

The state should ensure that secondary teachers are sufficiently prepared to teach appropriate grade-level content.

1-G: Secondary Teacher Preparation in Science

The state should ensure that science teachers know all the subject matter they are licensed to teach.

1-H: Secondary Teacher Preparation in Social Studies

The state should ensure that social studies teachers know all the subject matter they are licensed to teach.

1-I: Special Education Teacher Preparation

The state should ensure that special education teachers know the subject matter they will be required to teach.

1-J: Assessing Professional Knowledge

The state should use a licensing test to verify that all new teachers meet its professional standards.

1-K: Student Teaching

The state should ensure that teacher preparation programs provide teacher candidates with a high-quality clinical experience.

1-L: Teacher Preparation Program Accountability

The state's approval process for teacher preparation programs should hold programs accountable for the quality of the teachers they produce.

AREA 2: EXPANDING THE POOL OF TEACHERS

PAGE 59

2-A: Alternate Route Eligibility

The state should require alternate route programs to exceed the admission requirements of traditional preparation programs while also being flexible to the needs of nontraditional candidates.

2-B: Alternate Route Preparation

The state should ensure that its alternate routes provide streamlined preparation that is relevant to the immediate needs of new teachers.

2-C: Alternate Route Usage and Providers

The state should provide an alternate route that is free from regulatory obstacles that limit its usage and providers.

2-D: Part Time Teaching Licenses

The state should offer a license with minimal requirements that allows content experts to teach part time.

2-E: Licensure Reciprocity

The state should help to make licenses fully portable among states, with appropriate safeguards.

Goals

AREA 3: IDENTIFYING EFFECTIVE TEACHERS

PAGE 81

3-A: State Data Systems

The state should have a data system that contributes some of the evidence needed to assess teacher effectiveness.

3-B: Evaluation of Effectiveness

The state should require instructional effectiveness to be the preponderant criterion of any teacher evaluation.

3-C: Frequency of Evaluations

The state should require annual evaluations of all teachers.

3-D: Tenure

The state should require that tenure decisions are based on evidence of teacher effectiveness.

3-E: Licensure Advancement

The state should base licensure advancement on evidence of teacher effectiveness.

3-F: Equitable Distribution

The state should publicly report districts' distribution of teacher talent among schools to identify inequities in schools serving disadvantaged children.

AREA 4: RETAINING EFFECTIVE TEACHERS

PAGE 105

4-A: Induction

The state should require effective induction for all new teachers, with special emphasis on teachers in high-need schools.

4-B: Professional Development

The state should require professional development to be based on needs identified through teacher evaluations.

4-C: Pay Scales

The state should give local districts authority over pay scales.

4-D: Compensation for Prior Work Experience

The state should encourage districts to provide compensation for related prior subject-area work experience.

4-E: Differential Pay

The state should support differential pay for effective teaching in shortage and high-need areas.

4-F: Performance Pay

The state should support performance pay but in a manner that recognizes its appropriate uses and limitations.

4-G: Pension Flexibility

The state should ensure that pension systems are portable, flexible and fair to all teachers.

4-H: Pension Sustainability

The state should ensure that excessive resources are not committed to funding teachers' pension systems.

4-I: Pension Neutrality

The state should ensure that pension systems are neutral, uniformly increasing pension wealth with each additional year of work.

AREA 5: EXITING INEFFECTIVE TEACHERS

PAGE 149

5-A: Licensure Loopholes

The state should close loopholes that allow teachers who have not met licensure requirements to continue teaching.

5-B: Unsatisfactory Evaluations

The state should articulate consequences for teachers with unsatisfactory evaluations, including specifying that teachers with multiple unsatisfactory evaluations should be eligible for dismissal.

5-C: Dismissal for Poor Performance

The state should articulate that ineffective classroom performance is grounds for dismissal and ensure that the process for terminating ineffective teachers is expedient and fair to all parties.

5-D: Reductions in Force

The state should require that its school districts consider classroom performance as a factor in determining which teachers are laid off when a reduction in force is necessary.

Area 1: Delivering Well-Prepared Teachers

Goal A – Admission into Preparation Programs

The state should require undergraduate teacher preparation programs to admit only candidates with good academic records.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should require teacher candidates to pass a test of academic proficiency that assesses reading, writing and mathematics skills as a criterion for admission to teacher preparation programs.
2. All preparation programs in a state should use a common admissions test to facilitate program comparison, and the test should allow comparison of applicants to the general college-going population and selection of applicants in the top half of that population.
3. Programs should have the option of exempting candidates from this test who submit comparable SAT or ACT scores at a level set by the state.



The components for this goal have changed since 2009. In light of state progress on this topic, the bar for this goal has been raised.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 1

How States are Faring in Admission Requirements



Progress on this Goal Since 2009:

↑ : 6 ↔ : 45 ↓ : 0



State Does Not Meet Goal



Bar Raised for this Goal



Progress Since 2009

ANALYSIS

New Jersey does not require aspiring teachers to pass a test of academic proficiency as a criterion for admission to teacher preparation programs, instead delaying its basic skills assessment until teacher candidates are ready to apply for licensure.

Supporting Research

New Jersey Administrative Code 6A:9-10.1

RECOMMENDATION

- **Require teacher candidates to pass a test of academic proficiency that assesses reading, writing and mathematics skills as a criterion for admission to teacher preparation programs.**

Teacher preparation programs that do not screen candidates end up investing considerable resources in individuals who may not be able to successfully complete the program and pass licensing tests. Candidates needing additional support should complete remediation prior to program entry, avoiding the possibility of an unsuccessful investment of significant public tax dollars.

- **Require preparation programs to use a common test normed to the general college-bound population.**

The basic skills tests in use in most states largely assess middle school-level skills. To improve the selectivity of teacher candidates—a common characteristic in countries whose students consistently outperform ours in international comparisons—New Jersey should require an assessment that demonstrates that candidates are academically competitive with all peers, regardless of their intended profession. Requiring a common test normed to the general college population would allow for the selection of applicants in the top half of their class, as well as facilitate program comparison.

- **Exempt candidates with comparable SAT or ACT scores.**

New Jersey should waive the basic skills test requirement for candidates whose SAT or ACT scores demonstrate that they are in the top half of their class.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey asserted that although it does not require a basic skills test for admission to teacher education programs nor does it specify a cut score, it does require basic skills demonstration. However, the decision on how to assess basic skills is left to the discretion of the institutions of higher education.

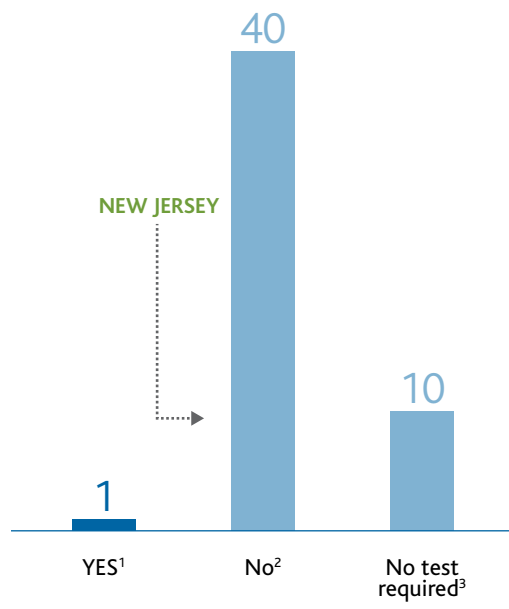
New Jersey also contended that it addresses basic skills competency by requiring a minimum GPA of 2.5 in the first two years of college for entry into teacher preparation programs and by requiring programs to admit students who have “achieved acceptable levels of proficiency in the use of English language, both oral and written and mathematics.” Students with deficiencies in these areas upon admission to college are required to demonstrate proficiency through an oral or written assessment by the beginning of the junior year. Further, in accordance with the Higher Education Act, all candidates must pass the required Praxis test prior to student teaching.

★ EXAMPLES OF BEST PRACTICE

Although there are a number of states that require teacher candidates to pass a basic skills test as a criterion for admission to a preparation program, **Texas** is the only state that requires a test of academic proficiency normed to the general college bound population rather than just to prospective teachers. In addition, the state's minimum scores for admission appear to be relatively selective when compared to other tests used across the country.

Figure 2

Do states require a test of academic proficiency that is normed to the general college-going population?



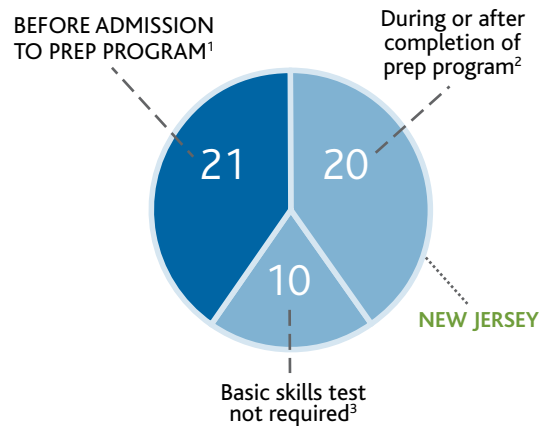
1. **Strong Practice:** Texas

2. Alabama, Alaska, Arkansas, California, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Illinois, Indiana, Iowa, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, Tennessee, Vermont, Virginia, Washington, West Virginia, Wisconsin

3. Arizona, Colorado, Idaho, Kansas, Kentucky, Montana, Ohio, South Dakota, Utah, Wyoming

Figure 3

When do states test teacher candidates' basic skills?



1. **Strong Practice:** Arkansas, Connecticut, Florida, Georgia, Hawaii, Illinois, Indiana, Iowa, Louisiana, Mississippi, Missouri, Nebraska, North Carolina, Rhode Island, South Carolina, Tennessee, Texas, Virginia, Washington, West Virginia, Wisconsin

2. Alabama, Alaska, California, Delaware, District of Columbia, Maine, Maryland, Massachusetts, Michigan, Minnesota, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Dakota, Oklahoma, Oregon, Pennsylvania, Vermont

3. Arizona, Colorado, Idaho, Kansas, Kentucky, Montana, Ohio, South Dakota, Utah, Wyoming

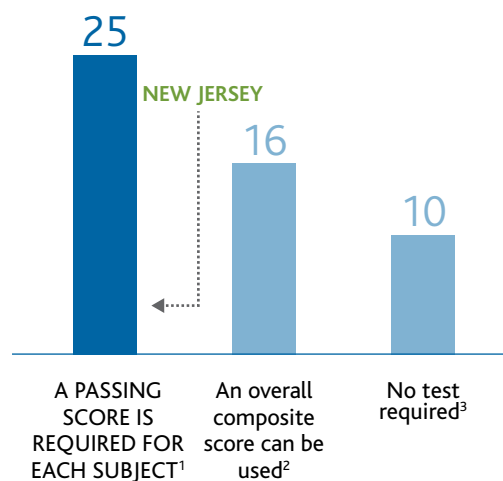
Figure 4

Do states appropriately test teacher candidates' academic proficiency?

| | TEST NORMED TO COLLEGE-BOUND POPULATION PRIOR TO ADMISSION TO PREP PROGRAM | Test normed only to teacher candidates before admission to prep program | Test normed only to teacher candidates during or after completion of prep program | No test required |
|----------------------|--|---|---|-------------------------------------|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 1 | 20 | 20 | 10 |

Figure 5

Do states measure performance in reading, mathematics and writing?



1. **Strong Practice:** Alabama, Alaska, Arkansas, Connecticut, Delaware, Florida, Georgia, Illinois, Louisiana, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Jersey, Oklahoma, Oregon, South Carolina, Tennessee, Texas, Washington, West Virginia, Wisconsin
2. California⁴, District of Columbia⁴, Hawaii⁴, Indiana, Iowa, Maine⁴, Maryland, New Hampshire⁴, New Mexico, New York, North Carolina, North Dakota², Pennsylvania⁴, Rhode Island⁴, Vermont, Virginia
3. Arizona, Colorado, Idaho, Kansas, Kentucky, Montana, Ohio, South Dakota, Utah, Wyoming
4. Minimum score must be met in each section.
5. Composite score can only be used if passing score is met on two of three subtests.

Area 1: Delivering Well-Prepared Teachers

Goal B – Elementary Teacher Preparation

The state should ensure that its teacher preparation programs provide elementary teachers with a broad liberal arts education, the necessary foundation for teaching to the Common Core Standards.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should require that its approved teacher preparation programs deliver a comprehensive program of study in broad liberal arts coursework. An adequate curriculum is likely to require approximately 36 credit hours to ensure appropriate depth in the core subject areas of English, science, social studies and fine arts. (Mathematics preparation for elementary teachers is discussed in Goal 1-D.)
2. The state should require elementary teacher candidates to pass a subject-matter test designed to ensure sufficient content knowledge of all subjects.
3. The state should require elementary teacher candidates to complete a content specialization in an academic subject area. In addition to enhancing content knowledge, this requirement also ensures that prospective teachers have taken higher level academic coursework.
4. Arts and sciences faculty, rather than education faculty, should in most cases teach liberal arts coursework to teacher candidates.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 6

How States are Faring in Elementary Teacher Preparation



Progress on this Goal Since 2009:

↑ : 3 ↔ : 44 ↓ : 4



ANALYSIS

Although New Jersey has adopted the Common Core Standards, the state does not ensure that its elementary teacher candidates are adequately prepared to teach the rigorous content associated with these standards.

New Jersey requires candidates to pass the Praxis II general elementary content test, which does not report teacher performance in each subject area, meaning that it is possible to pass the test and still fail some subject areas, especially given the state's low passing score. Further, based on available information on the Praxis II, there is no reason to expect that the current version would be well aligned with the Common Core Standards.

In addition, New Jersey requires that all teacher candidates complete the following: a minimum of 60 credit hours of general education including electives, with "some study" in the areas of the arts, humanities, mathematics, science, technology and the social sciences; a major in one of these areas; a minimum of 90 credits distributed among general education and the academic major; and a sequence of courses "devoted to professional preparation." These are sensible requirements, but they are too ambiguous to guarantee that the courses used to meet them will be relevant to PK-6 teaching.

New Jersey does not require any additional subject-matter coursework for elementary education candidates and only articulates a broad set of standards for programs to apply in preparing elementary candidates.

Finally, there is no assurance that arts and sciences faculty will teach liberal arts classes to elementary teacher candidates.

Supporting Research

New Jersey Administrative Code 6A:9-3.3, -10.2

Praxis II

www.ets.org

RECOMMENDATION

■ **Require a content test that ensures sufficient knowledge in all subjects.**

New Jersey should ensure that its subject-matter test for elementary teacher candidates is well aligned with the Common Core Standards, which represent an effort to significantly raise the standards for the knowledge and skills American students will need for college readiness and global competitiveness.

The state should also require separate passing scores for each content area on the test because without them it is impossible to measure knowledge of individual subjects. Further, to be meaningful, New Jersey should ensure that these passing scores reflect high levels of performance.

■ **Provide broad liberal arts coursework relevant to the elementary classroom.**

New Jersey should either articulate a more specific set of standards or establish more comprehensive coursework requirements that are specifically geared to the areas of knowledge needed by PK-6 teachers. Further, the state should align its requirements for elementary teacher candidates with the Common Core Standards to ensure that candidates will complete coursework relevant to the common topics in elementary grades. An adequate curriculum is likely to require approximately 36 credit hours in the core subject areas of English, science, social studies and fine arts.

- **Require at least an academic concentration.**

New Jersey should ensure that elementary teacher candidates who major in technology are required to choose an area related to instruction in the elementary classroom.

- **Ensure arts and sciences faculty teach liberal arts coursework.**

Although an education professor is best suited to teach effective methodologies in subject instruction, faculty from the university's college of arts and sciences should provide subject-matter foundation.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey asserted that it does not accept education school/department or program courses for its content requirements and that liberal arts faculty do, in fact, teach the subject matter required of elementary teachers. Long-standing certification policy—not in code but a logical deduction from the code and never challenged—requires that content courses be taken in the relevant content departments.

New Jersey also contended that all teaching candidates are required to earn 60 general education credits, which ensures a broad liberal arts education and which must be distributed among the arts, humanities, mathematics, science, technology and the social sciences. The purpose of this requirement is “to develop the prospective teacher as a well-rounded, educated person.”

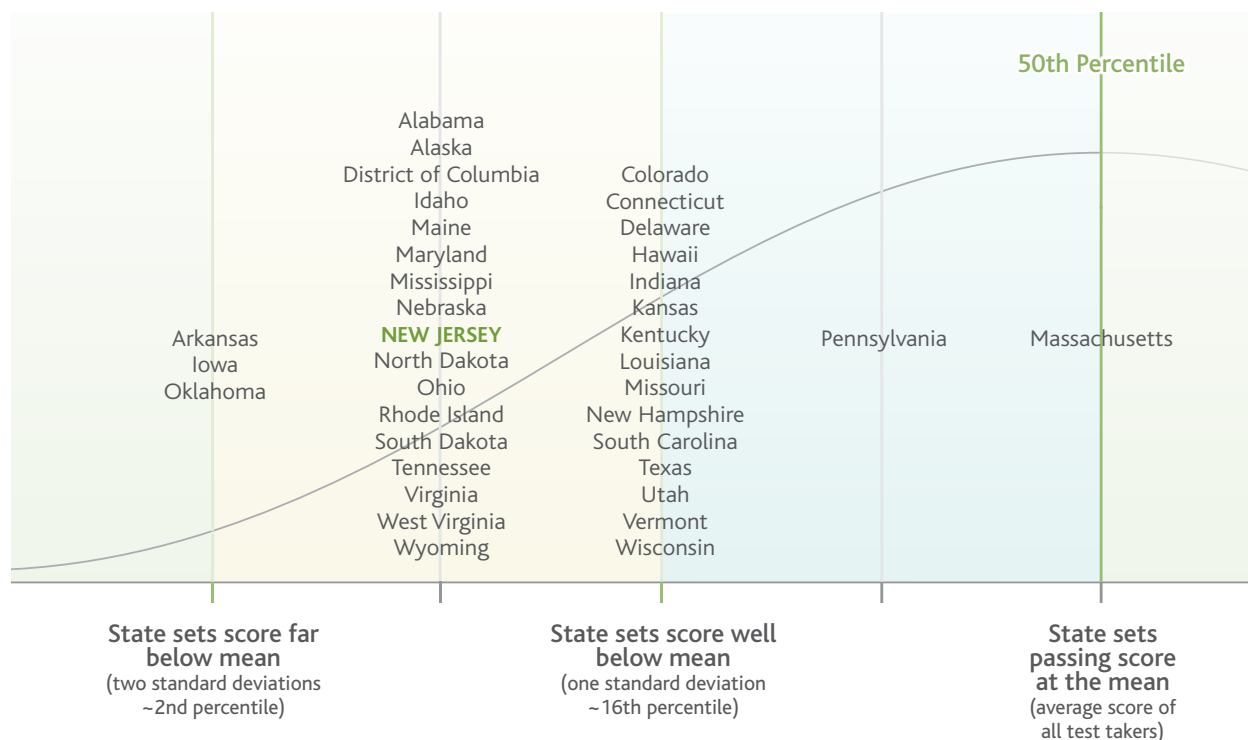
The state reiterated that all teacher candidates, including elementary candidates, must also major in one of the following disciplines: the arts, humanities, social sciences, mathematics, science or technology.

★ EXAMPLES OF BEST PRACTICE

Although no state meets this goal, three states have noteworthy policies. **Massachusetts's** testing requirements, which are based on the state's curriculum, ensure that elementary teachers are provided with a broad liberal arts education. **Indiana** and **Utah** are the first two states to adopt the new Praxis II "Elementary Education: Multiple Subjects" content test, which requires candidates to pass separately scored subtests in reading/language arts, mathematics, social studies and science.

Figure 7

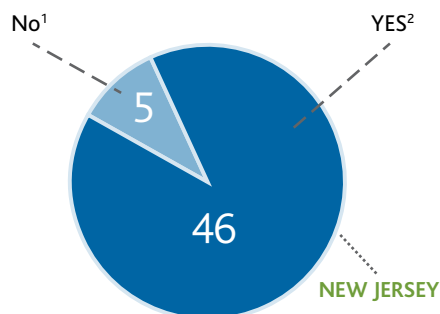
Where do states set the passing score on elementary content licensure tests¹?



¹ Based on the most recent technical data that could be obtained; data not available for Arizona, California, Florida, Georgia, Illinois, Michigan, Minnesota, New Mexico, New York, North Carolina, Oregon and Washington. Montana and Nebraska do not require a content test. Colorado score is for Praxis II, not PLACE. Indiana, Maryland, Nevada, South Carolina and Utah now require new Praxis tests for which the technical data are not yet available; analysis is based on previously required test.

Figure 8

Have states adopted the K-12 Common Core State Standards?



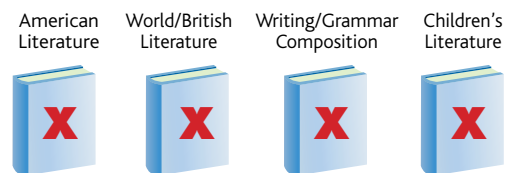
1. Alaska, Minnesota, Nebraska, Texas, Virginia

2. **Strong Practice:** Alabama, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Mississippi, Missouri, Montana, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Utah, Vermont, Washington, West Virginia, Wisconsin, Wyoming

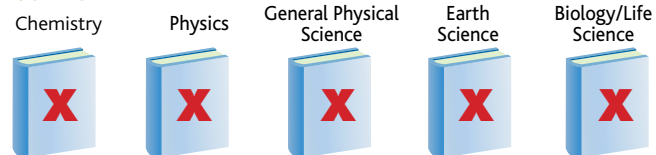
Figure 9

What subjects does *New Jersey* expect elementary teachers to know?

ENGLISH



SCIENCE



SOCIAL STUDIES



FINE ARTS



- ✓ State requirements mention subject
- ★ State requirements cover subject in depth
- X State does not require subject

Figure 10

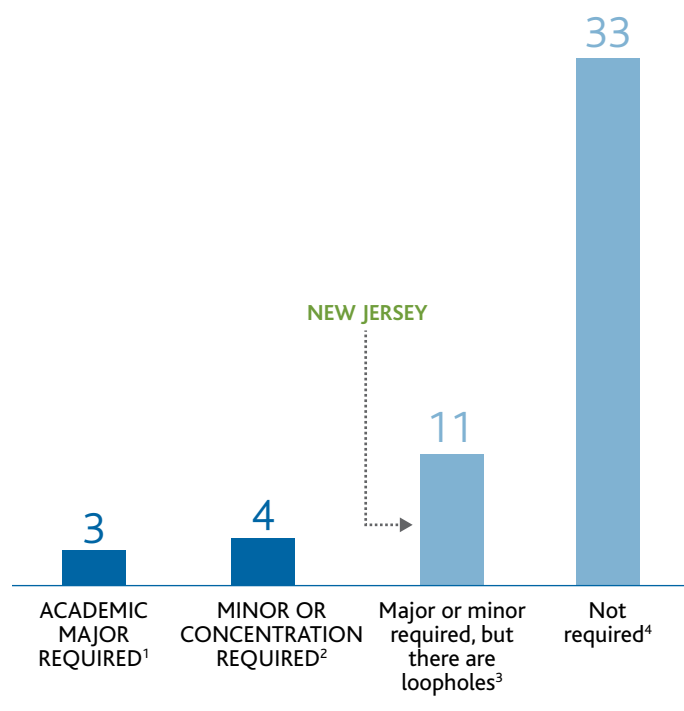
Do states expect elementary teachers to have in-depth knowledge of core content?

| | ENGLISH | | | | | SCIENCE | | | | | SOCIAL STUDIES | | | | | | | FINE ARTS | |
|----------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| | American Literature | World/British Literature | Writing/Grammar/Composition | Children's Literature | | Chemistry | Physics | General Physical Science | Earth Science | Biology/Life Science | American History I | American History II | American Government | World History (Ancient) | World History (Modern) | World History (Non-Western) | Geography | Art History | Music |
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| Tennessee | <input type="checkbox"/> | <input type="checkbox"/> | ★ | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | ★ | ★ | ★ | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | ★ | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | ★ | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Texas | <input type="checkbox"/> | <input type="checkbox"/> | ★ | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | ★ | ★ | ★ | ★ | ★ | ★ | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | ★ | <input type="checkbox"/> | ★ | ★ |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> | ★ | <input type="checkbox"/> | | ★ | <input type="checkbox"/> | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | ★ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | ★ | <input checked="" type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | ★ | ★ | ★ | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | ★ | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | ★ | <input type="checkbox"/> | <input type="checkbox"/> | ★ |
| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |

☒ Subject mentioned ★ Subject covered in depth

Figure 11

Do states expect elementary teachers to complete an academic concentration?



1. **Strong Practice:** Colorado, Massachusetts, New Mexico

2. **Strong Practice:** Indiana, Mississippi, New Hampshire, Oklahoma

3. California, Connecticut, Iowa, Michigan, Missouri, New Jersey, New York, Tennessee, Texas, Vermont, Virginia
These states require a major, minor or concentration but there is no assurance it will be in an academic subject area.

4. Alabama, Alaska, Arizona, Arkansas, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Kansas, Kentucky, Louisiana, Maine, Maryland, Minnesota, Montana, Nebraska, Nevada, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Utah, Washington, West Virginia, Wisconsin, Wyoming

Area 1: Delivering Well-Prepared Teachers

Goal C – Elementary Teacher Preparation in Reading Instruction

The state should ensure that new elementary teachers know the science of reading instruction.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. To ensure that teacher preparation programs adequately prepare candidates in the science of reading instruction, the state should require that these programs train teachers in the five instructional components shown by scientifically based reading research to be essential to teaching children to read.
2. The state should require that new elementary teachers pass a rigorous test of reading instruction in order to attain licensure. The design of the test should ensure that prospective teachers cannot pass without knowing the science of reading instruction.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 12

How States are Faring in Elementary Teacher Preparation in Reading Instruction



Progress on this Goal Since 2009:

↑ : 5 ↔ : 46 ↓ : 0



State Does Not Meet Goal



Progress Since 2009

ANALYSIS

New Jersey does not require that teacher preparation programs for elementary teacher candidates address the science of reading. The state has neither coursework requirements nor standards related to this critical area. The state also does not require teacher candidates to pass an assessment that measures knowledge of scientifically based reading instruction prior to certification or at any point thereafter.

Supporting Research

<http://www.state.nj.us/education/educators/license/endorsements/1001S.pdf>

RECOMMENDATION

- **Ensure that teacher preparation programs prepare elementary teaching candidates in the science of reading instruction.**

New Jersey should ensure that teacher preparation programs adequately prepare elementary teacher candidates in the science of reading by requiring that these programs train candidates in the five instructional components of scientifically based reading instruction: phonemic awareness, phonics, fluency, vocabulary and comprehension.

- **Require teacher candidates to pass a rigorous assessment in the science of reading instruction.**

New Jersey should require a rigorous reading assessment tool to ensure that its elementary teacher candidates are adequately prepared in the science of reading instruction before entering the classroom. The assessment should clearly test knowledge and skills related to the science of reading, and if it is combined with an assessment that also tests general pedagogy or elementary content, it should report a subscore for the science of reading specifically. Elementary teachers who do not possess the minimum knowledge in this area should not be eligible for licensure.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey asserted that NCTQ has not defined here what it means by the "science of reading." The state further noted that it requires study in the teaching of language arts/literacy for both traditional and alternate route candidates, and preparation programs must have their programs reviewed through a national accreditation agency, either NCATE or TEAC, as well as through a state program approval process in which the national standards for elementary education from ACEI are used in addition to the requirement of program alignment to core content standards for students.

New Jersey also contended that for candidates entering the profession through the traditional route, it requires a sequence of courses for the teaching of literacy that is aligned with ACEI standards. Alternate route candidates must complete a minimum of 45 hours of study in the teaching of language arts/literacy. Approved programs must align with the professional teaching standards, which contain subject-matter standards, as well as with the state's core content standards for students.

Supporting Research

NJAC 6A:9.10, -.1; 6A:9-3.3, -.4

LAST WORD

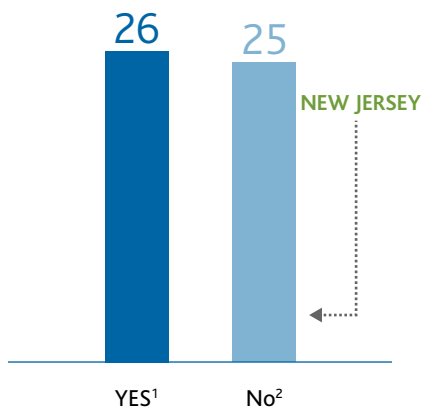
The science of reading, or scientifically based reading instruction, has been well established by decades of research focused on determining how people learn to read and why some struggle. The National Reading Panel concluded that the five essential components of effective reading instruction are explicit and systematic instruction in phonemic awareness, phonics, fluency, vocabulary and comprehension. Unfortunately, neither NCATE's nor ACEI's standards require programs to ensure that teachers are well prepared with the knowledge and skills research has shown to be most effective in teaching young children to read.

★ EXAMPLES OF BEST PRACTICE

Eight states meet this goal by requiring that preparation programs for elementary teacher candidates address the science of reading and requiring that candidates pass comprehensive assessments that specifically test the five elements of instruction: phonemic awareness, phonics, fluency, vocabulary and comprehension. Independent reviews of the assessments used by **Connecticut**, **Massachusetts** and **Virginia** confirm that these tests are rigorous measures of teacher candidates' knowledge of scientifically based reading instruction.

Figure 13

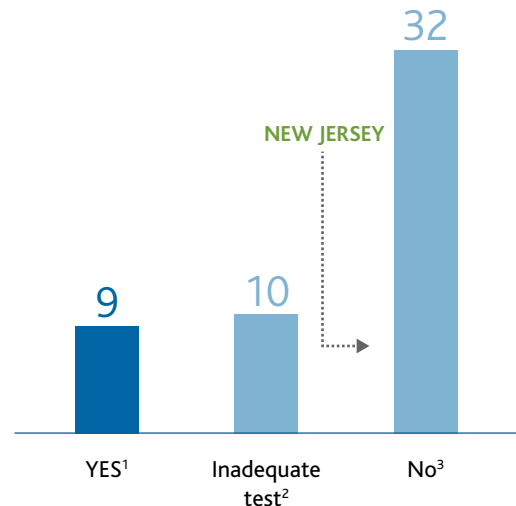
Do states require preparation for elementary teachers in the science of reading?



1. **Strong Practice:** Alabama, Arkansas, California, Colorado, Connecticut, Florida, Georgia, Idaho, Indiana, Louisiana, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Ohio, Oklahoma, Oregon, Pennsylvania, Tennessee, Texas, Vermont, Virginia, Washington, West Virginia
2. Alaska, Arizona, Delaware, District of Columbia, Hawaii, Illinois, Iowa, Kansas, Kentucky, Maine, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Rhode Island, South Carolina, South Dakota, Utah, Wisconsin, Wyoming

Figure 14

Do states measure new teachers' knowledge of the science of reading?



1. **Strong Practice:** Alabama, Connecticut, Massachusetts, Minnesota⁴, New Mexico⁵, Oklahoma, Pennsylvania⁵, Tennessee, Virginia
2. Arkansas, California, Florida, Georgia, Idaho, Indiana, Missouri, New York, Oregon, Texas
3. Alaska, Arizona, Colorado, Delaware, District of Columbia, Hawaii, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Michigan, Mississippi, Montana, Nebraska, Nevada, New Hampshire, New Jersey, North Carolina, North Dakota, Ohio, Rhode Island, South Carolina, South Dakota, Utah, Vermont, Washington, West Virginia, Wisconsin, Wyoming
4. Based on the limited information available about the test on the state's website.
5. Test is under development and not yet available for review.

Figure 15

Do states ensure that elementary teachers know the science of reading?

| | PREPARATION REQUIREMENTS | | TESTING REQUIREMENTS | | |
|----------------------|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------------------------------|
| | FULLY ADDRESS READING SCIENCE | Do not address reading science | APPROPRIATE TEST | Inadequate test | No reading test |
| Alabama | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| California | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Delaware | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Florida | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Georgia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Idaho | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Illinois | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Indiana | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kentucky | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Louisiana | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Michigan | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ¹ | <input type="checkbox"/> | <input type="checkbox"/> |
| Mississippi | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Missouri | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> | <input type="checkbox"/> |
| New York | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ohio | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oklahoma | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Tennessee | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Vermont | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Virginia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 26 | 25 | 9 | 10 | 32 |

1. Based on the limited information available about the test on the state's website.

2. Test is under development and not yet available for review.

Area 1: Delivering Well-Prepared Teachers

Goal D – Elementary Teacher Preparation in Mathematics

The state should ensure that new elementary teachers have sufficient knowledge of the mathematics content taught in elementary grades.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should require teacher preparation programs to deliver mathematics content of appropriate breadth and depth to elementary teacher candidates. This content should be specific to the needs of the elementary teacher (i.e., foundations, algebra and geometry with some statistics).
2. The state should require elementary teacher candidates to pass a rigorous test of mathematics content in order to attain licensure.
3. Such test can also be used to test out of course requirements and should be designed to ensure that prospective teachers cannot pass without sufficient knowledge of mathematics.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 16

How States are Faring in Teacher Preparation in Mathematics



Progress on this Goal Since 2009:

↑ : 4 ↔ : 47 ↓ : 0



State Does Not Meet Goal



Progress Since 2009

ANALYSIS

New Jersey relies on both coursework requirements and its standards for teacher preparation programs as the basis for articulating its requirements for the mathematics content knowledge of elementary teacher candidates.

The state requires that all teacher candidates complete a minimum of 60 credit hours of general education with "some study" in the area of mathematics. However, New Jersey specifies neither the requisite content of these classes nor that they must meet the needs of elementary teachers.

New Jersey has also articulated teaching standards that its approved teacher preparation programs must use to frame instruction in elementary mathematics content, but these standards lack the specificity needed to ensure that teacher preparation programs deliver mathematics content of appropriate breadth and depth to elementary teacher candidates. Finally, New Jersey requires that all new elementary teachers pass a general subject-matter test, the Praxis II. This commercial test lacks a specific mathematics subscore, so one can likely fail the mathematics portion and still pass the test. Further, while this test does include important elementary school-level content, it barely evaluates candidates' knowledge beyond an elementary school level, does not challenge their understanding of underlying concepts and does not require candidates to apply knowledge in nonroutine, multistep procedures.

Supporting Research

New Jersey Administrative Code 6A:9-10.2 and 6A:9-3.3

www.ets.org/praxis

"No Common Denominator: The Preparation of Elementary Teachers in Mathematics by America's Education Schools," NCTQ, June 2008 http://www.nctq.org/p/publications/docs/nctq_ttmath_fullreport.pdf

RECOMMENDATION

- **Require teacher preparation programs to provide mathematics content specifically geared to the needs of elementary teachers.**

Although New Jersey requires some mathematics coursework, the state should require teacher preparation programs to provide mathematics content specifically geared to the needs of elementary teachers. This includes specific coursework in foundations, algebra and geometry, with some statistics.

- **Require teacher candidates to pass a rigorous mathematics assessment.**

New Jersey should assess mathematics content with a rigorous assessment tool, such as the test required in Massachusetts, that evaluates mathematics knowledge beyond an elementary school level and challenges candidates' understanding of underlying mathematics concepts. Such a test could also be used to allow candidates to test out of coursework requirements. Teacher candidates who lack minimum mathematics knowledge should not be eligible for licensure.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey asserted that it requires study of the teaching of numeracy for both traditional and alternate route candidates. Traditional route programs must have their programs reviewed through a national accreditation agency (either NCATE or TEAC), be approved through the state program approval process in which the national standards for elementary education (ACEI) are used and ensure alignment with the core content standards for students.

New Jersey also contended that for candidates entering the profession through the traditional route, the state requires a sequence of courses to the teaching of numeracy that are aligned with the national standards from ACEI. Candidates entering through the alternate route must complete a minimum of 45 hours of study in the teaching of mathematics. Approved programs must align with the Professional Teaching Standards, which contain subject-matter standards that address numeracy, as well as with the core content standards for students.

LAST WORD

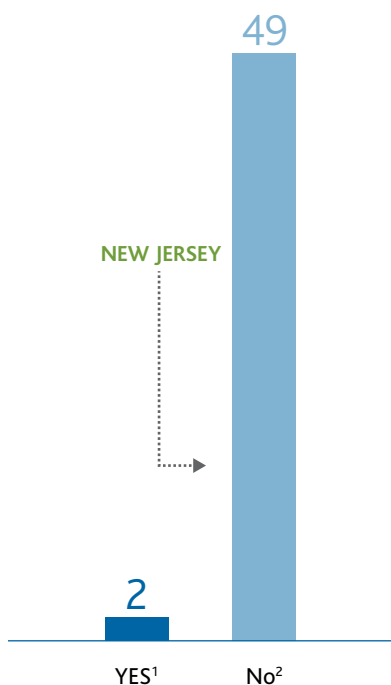
The issue is that the standards New Jersey relies on do not provide the specificity to ensure that elementary teachers get content of the appropriate breadth, depth and relevance. For example, ACEI algebra standards state that teacher candidates should "know, understand and apply algebraic principles," but they make little mention of the actual knowledge that might contribute to such an understanding.

★ EXAMPLES OF BEST PRACTICE

Massachusetts is the only state that ensures that its elementary teachers have sufficient knowledge of mathematics content. As part of its general curriculum test, the state utilizes a separately scored mathematics subtest that covers topics specifically geared to the needs of elementary teachers.

Figure 17

Do states articulate appropriate mathematics preparation for elementary teachers?

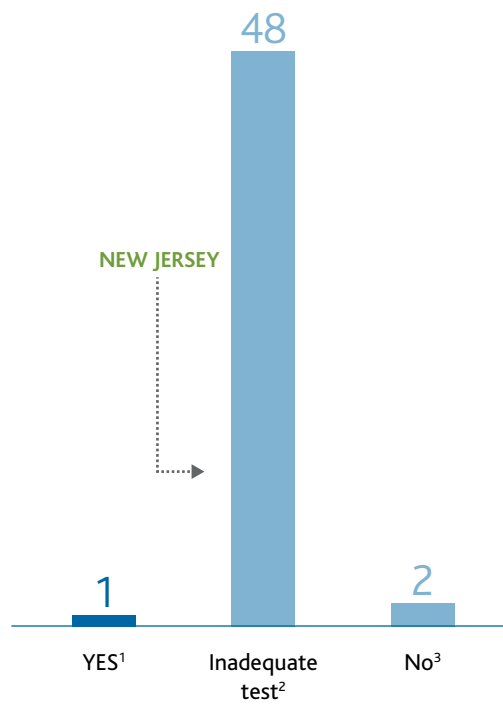


1. **Strong Practice:** Indiana, Massachusetts

2. Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming

Figure 18

Do states measure new elementary teachers' knowledge of math?



1. **Strong Practice:** Massachusetts

2. Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Michigan, Minnesota, Mississippi, Missouri, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming

3. Montana, Nebraska

Area 1: Delivering Well-Prepared Teachers

Goal E – Middle School Teacher Preparation

The state should ensure that middle school teachers are sufficiently prepared to teach appropriate grade-level content.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should encourage middle school candidates who intend to teach multiple subjects to earn minors in two core academic areas rather than earn a single major. Middle school candidates intending to teach a single subject area should earn a major in that area.
2. The state should not permit middle school teachers to teach on a generalist license that does not differentiate between the preparation of middle school teachers and that of elementary teachers.
3. The state should require that new middle school teachers pass a licensing test in every core academic area they intend to teach.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 19

How States are Faring in Middle School Teacher Preparation



Progress on this Goal Since 2009:

↑ : 5 ↔ : 45 ↓ : 1



State Meets Goal



Progress Since 2009

ANALYSIS

New Jersey requires middle school teachers (grades 5-8) to teach on an "elementary school with subject matter specialization" endorsement. All candidates must earn an academic major. Those teaching more than one content area must be certified in each additional area, which requires 15 credit hours of study in that subject.

All new middle school teachers in New Jersey are also required to pass a single-subject Praxis II content test in the appropriate area to attain licensure; a general content knowledge test is not an option.

Supporting Research

New Jersey Administrative Code 6A:9-10.2; 6A:9-11.11

<http://www.nj.gov/cgi-bin/education/license/endorsement.pl?string=999&maxhits=1000&field=1>

www.ets.org/praxis

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis.

★ EXAMPLES OF BEST PRACTICE

Arkansas, Georgia and Pennsylvania ensure that all middle school teachers are sufficiently prepared to teach middle school-level content. Teachers are required to earn at least two content-area minors. Georgia and Pennsylvania also require passing scores on single-subject content tests, and Arkansas requires a subject-matter assessment with separate passing scores for each academic area.

1. California offers a K-12 generalist license for self-contained classrooms.
2. Illinois offers K-9 license.
3. With the exception of mathematics.
4. Oregon offers 3-8 license.
5. Wisconsin offers 1-8 license.

Figure 20

Do states distinguish middle grade preparation from elementary preparation?

| | K-8 LICENSE NOT OFFERED | K-8 license offered for self-contained classrooms | K-8 license offered |
|----------------------|-------------------------|---|---------------------|
| Alabama | ■ | □ | □ |
| Alaska | □ | □ | ■ |
| Arizona | □ | □ | ■ |
| Arkansas | ■ | □ | □ |
| California | □ | ■ ¹ | □ |
| Colorado | □ | □ | ■ |
| Connecticut | ■ | □ | □ |
| Delaware | ■ | □ | □ |
| District of Columbia | ■ | □ | □ |
| Florida | ■ | □ | □ |
| Georgia | ■ | □ | □ |
| Hawaii | ■ | □ | □ |
| Idaho | □ | □ | ■ |
| Illinois | □ | □ | ■ ² |
| Indiana | ■ | □ | □ |
| Iowa | ■ | □ | □ |
| Kansas | ■ | □ | □ |
| Kentucky | ■ | □ | □ |
| Louisiana | ■ | □ | □ |
| Maine | □ | □ | ■ |
| Maryland | ■ | □ | □ |
| Massachusetts | ■ | □ | □ |
| Michigan | □ | ■ | □ |
| Minnesota | □ | ■ | □ |
| Mississippi | ■ | □ | □ |
| Missouri | ■ | □ | □ |
| Montana | □ | □ | ■ |
| Nebraska | □ | ■ | □ |
| Nevada | □ | □ | ■ |
| New Hampshire | □ | □ | ■ |
| NEW JERSEY | ■ | □ | □ |
| New Mexico | □ | □ | ■ |
| New York | ■ | □ | □ |
| North Carolina | ■ | □ | □ |
| North Dakota | □ | □ | ■ |
| Ohio | ■ | □ | □ |
| Oklahoma | □ | □ | ■ ³ |
| Oregon | □ | □ | ■ ⁴ |
| Pennsylvania | ■ | □ | □ |
| Rhode Island | □ | ■ | □ |
| South Carolina | ■ | □ | □ |
| South Dakota | □ | □ | ■ |
| Tennessee | ■ | □ | □ |
| Texas | ■ | □ | □ |
| Utah | □ | ■ | □ |
| Vermont | ■ | □ | □ |
| Virginia | ■ | □ | □ |
| Washington | □ | □ | ■ |
| West Virginia | ■ | □ | □ |
| Wisconsin | □ | □ | ■ ⁵ |
| Wyoming | ■ | □ | □ |
| | 29 | 6 | 16 |

Figure 21

What academic preparation do states require for a middle school endorsement or license?

| | MAJOR OR MORE | MAJOR OR TWO MINORS | TWO MINORS | Less than a major or "loose" requirements | No requirement of content major or minor |
|----------------------|-------------------------------------|--|--|---|--|
| Alabama | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Delaware | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| District of Columbia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Florida | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Indiana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Kansas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Kentucky | <input type="checkbox"/> | <input checked="" type="checkbox"/> ¹ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Louisiana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ¹ | <input type="checkbox"/> | <input type="checkbox"/> |
| Michigan | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ¹ | <input type="checkbox"/> | <input type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New Hampshire | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| NEW JERSEY | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New York | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ¹ | <input type="checkbox"/> | <input type="checkbox"/> |
| Oklahoma | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Tennessee | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Utah | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 13 | 3 | 9 | 12 | 14 |

1. State does not explicitly require two minors, but it has equivalent requirements.

2. Pennsylvania has two options. One option requires a 30 credit concentration in one subject and nearly a minor (12 credits) in three additional subjects; the second option is 21 credits in two subject-area concentrations with 12 credits in two additional subjects.

Area 1: Delivering Well-Prepared Teachers

Goal F – Secondary Teacher Preparation

The state should ensure that secondary teachers are sufficiently prepared to teach appropriate grade-level content.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should require that secondary teachers pass a licensing test in every subject they intend to teach.
2. The state should require that secondary teachers pass a content test when adding subject-area endorsements to an existing license.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 22

How States are Faring in Secondary Teacher Preparation



Progress on this Goal Since 2009:

New Goal



ANALYSIS

New Jersey requires that its secondary teacher candidates pass a Praxis II content test to teach any core secondary subjects. Unfortunately, New Jersey permits a significant loophole to this important policy by allowing a general social studies license, without requiring subject-matter testing for each subject area within the discipline (see Goal 1-H).

Further, to add an additional field to a secondary license, teachers must also pass a Praxis II content test. However, as stated above, New Jersey cannot guarantee content knowledge in each specific subject for those secondary teachers who add general social studies endorsements.

Supporting Research

Teacher Certification

<http://www.state.nj.us/education/educators/license/teacher/>

RECOMMENDATION

■ **Require subject-matter testing for all secondary teacher candidates.**

New Jersey wisely requires subject-matter tests for most secondary teachers but should address any loopholes that undermine this policy (see Goal 1-H). This applies to the addition of endorsements as well.

NEW JERSEY RESPONSE TO ANALYSIS

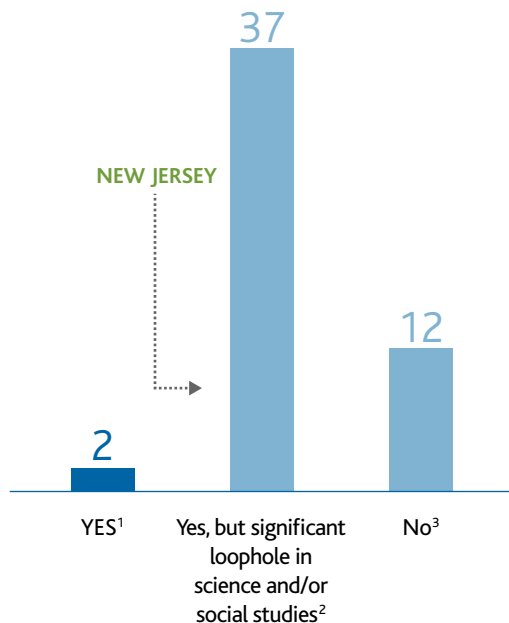
New Jersey recognized the factual accuracy of this analysis.

★ EXAMPLES OF BEST PRACTICE

Not only do **Indiana** and **Tennessee** require that secondary teacher candidates pass a content test to teach any core secondary subjects, but these states also do not permit any significant loopholes to this important policy by allowing secondary general science or social studies licenses (see Goals 1-G and 1-H).

Figure 23

Do all secondary teachers have to pass a content test in every subject area for licensure?



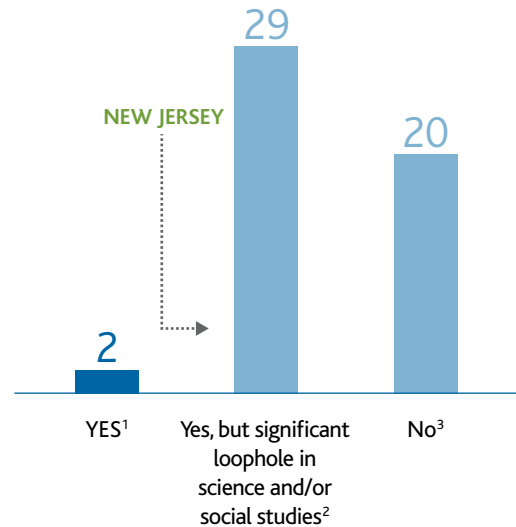
1. **Strong Practice:** Indiana, Tennessee

2. Alabama, Arkansas, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Nevada, New Jersey, New Mexico, New York, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, South Dakota, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin. (For more on loopholes, see Goals 1-G and 1-H.)

3. Alaska, Arizona, California, Colorado, Iowa, Montana, Nebraska, New Hampshire, North Carolina, Oregon, Rhode Island, Wyoming

Figure 24

Do all secondary teachers have to pass a content test in every subject area to add an endorsement?



1. **Strong Practice:** Indiana, Tennessee

2. Alabama, Arkansas, Connecticut, Delaware, Florida, Georgia, Idaho, Illinois, Kansas, Kentucky, Maine, Massachusetts, Michigan, Minnesota, New Jersey, New York, North Dakota, Ohio, Oklahoma, Pennsylvania, South Carolina, South Dakota, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin. (For more on loopholes, see Goals 1-G and 1-H.)

3. Alaska, Arizona, California, Colorado, District of Columbia, Hawaii, Iowa, Louisiana, Maryland, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Mexico, North Carolina, Oregon, Rhode Island, Wyoming

Area 1: Delivering Well-Prepared Teachers

Goal G – Secondary Teacher Preparation in Science

The state should ensure that science teachers know all the subject matter they are licensed to teach.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should require secondary science teachers to pass a subject-matter test of each science discipline they intend to teach.
2. The state should require middle school science teachers to pass a subject-matter test designed to ensure that prospective teachers cannot pass without sufficient knowledge of science.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 25

How States are Faring in Preparation to Teach Science



Progress on this Goal Since 2009:

New Goal



ANALYSIS

New Jersey does not offer certification in general science for secondary teachers.

Although the state offers a physical science certificate, candidates are required to complete either a 30-credit coherent sequence of courses in physics and a minimum of 15 credits in chemistry, or a 30-credit coherent sequence of courses in chemistry and a minimum of 15 credits in physics. They must also pass all of the following Praxis II tests: "Chemistry," "Physics" and "General Science." These requirements ensure adequate content knowledge in both chemistry and physics.

Middle school science teachers in New Jersey are required to teach on an "elementary school with subject matter specialization" endorsement. Candidates must earn an academic major, and those teaching more than one content area must be certified in each additional area, which requires 15 credit hours of study in that subject. They must also pass the Praxis II "Middle School Science" test.

Supporting Research

New Jersey Administrative Code 6A:9-10.2; 6A:9-11.9; 6A:9-11.11

Praxis Testing Requirements

www.ets.org

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey noted that middle school science can also be taught by teachers holding any P-12 science certificate.

Figure 26

Do states ensure that secondary science teachers have adequate subject-matter knowledge?

| | STATE OFFERS GENERAL SCIENCE OR COMBINATION SCIENCE LICENSES WITH ADEQUATE TESTING | State offers general science or combination science licenses without adequate testing | STATE OFFERS ONLY SINGLE-SUBJECT SCIENCE LICENSES WITH ADEQUATE TESTING | State offers only single-subject science licenses without adequate testing |
|----------------------|--|---|---|--|
| Alabama | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Connecticut | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Delaware | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Florida | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Illinois | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Kentucky | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Louisiana | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Maryland | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Massachusetts | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Michigan | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| NEW JERSEY | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New York | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 1 | 39 | 10 | 1 |

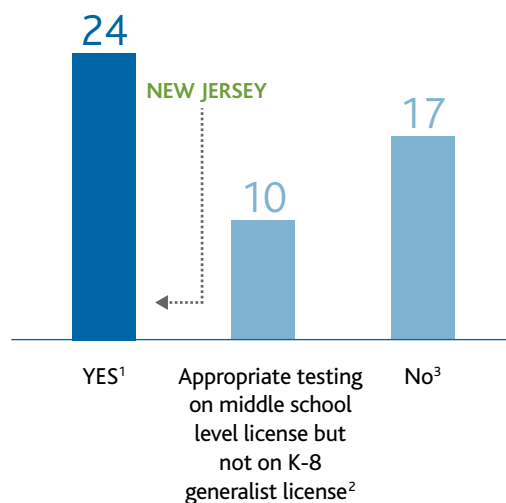


EXAMPLES OF BEST PRACTICE

New Jersey does not offer certification in general science for secondary teachers. Although the state allows a combination physical science certificate, it ensure adequate content knowledge in both chemistry and physics by requiring teacher candidates to pass individual content tests in chemistry, physics and general science. Further, middle school science teachers must pass a science-specific content test.

Figure 27

Do states ensure that middle school teachers have adequate preparation to teach science?



1. **Strong Practice:** Alabama, Arkansas, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Indiana, Kansas, Kentucky, Louisiana, Maryland, Massachusetts, Mississippi, Missouri, New Jersey, Ohio, Pennsylvania, South Carolina, South Dakota, Vermont, Virginia, West Virginia

2. Maine, Minnesota, Nevada, New Hampshire, New Mexico, North Dakota, Oklahoma, Utah, Washington, Wisconsin

3. Alaska, Arizona, California, Colorado, Idaho, Illinois, Iowa, Michigan, Montana, Nebraska, New York, North Carolina, Oregon, Rhode Island, Tennessee, Texas, Wyoming

Area 1: Delivering Well-Prepared Teachers

Goal H – Secondary Teacher Preparation in Social Studies

The state should ensure that social studies teachers know all the subject matter they are licensed to teach.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should require secondary social studies teachers to pass a subject-matter test of each social studies discipline they intend to teach.
2. The state should require middle school social studies teachers to pass a subject-matter test designed to ensure that prospective teachers cannot pass without sufficient knowledge of social studies.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 28

How States are Faring in Preparation to Teach Social Studies



Progress on this Goal Since 2009:

New Goal



ANALYSIS

New Jersey only offers a secondary general social studies certificate. Coursework requirements include a minimum of 15 semester hours in history, with at least one course in U.S. history and one course in world history. Candidates must pass the Praxis II "Social Studies" content test. Teachers with this license are not limited to teaching general social studies but rather can teach any of the topical areas.

Middle school social studies teachers in New Jersey are required to teach on an "elementary school with subject matter specialization" endorsement. Candidates must earn an academic major, and those teaching more than one content area must be certified in each additional area, which requires 15 credit hours of study in that subject. Commendably, they must also pass the Praxis II "Middle School Social Studies" test.

Supporting Research

New Jersey Administrative Code 6A:9-11.11; 6A:9-11.16

Praxis Testing Requirements

www.ets.org

RECOMMENDATION

- **Require secondary social studies teachers to pass tests of content knowledge for each social studies discipline they intend to teach.**

States that allow general social studies certifications—and do not require content tests for each area—are not ensuring that these secondary teachers possess adequate subject-specific content knowledge. New Jersey's required assessment combines all subject areas (e.g., history, geography, economics) and does not report separate scores for each subject area. Therefore, candidates could answer many history questions, for example, incorrectly, yet still be licensed to teach history to high school students.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis. The state added that these requirements, and NCTQ's comments, are currently under review by the Department of Education, with recommendations and initial policy actions expected by January 1, 2012.

Figure 29

Do states ensure that secondary social studies teachers have adequate subject-matter knowledge?

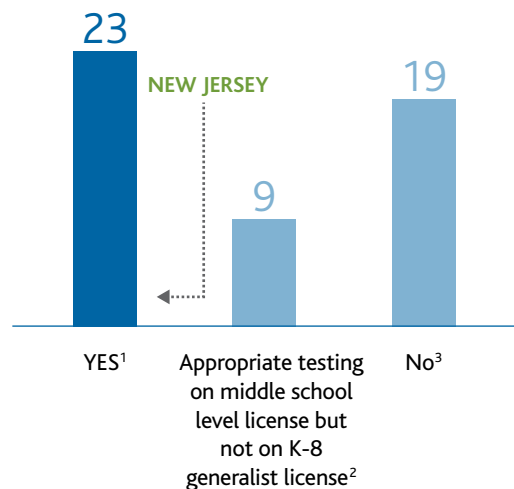
| | OFFERS GENERAL SOCIAL STUDIES LICENSE WITH ADEQUATE TESTING | OFFERS ONLY SINGLE SUBJECT SOCIAL STUDIES LICENSES | Offers general social studies license without adequate testing |
|----------------------|---|--|--|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Maine | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ¹ |
| Michigan | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New York | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 1 | 3 | 47 |

★ EXAMPLES OF BEST PRACTICE

Not only does **Indiana** ensure that its secondary social studies teachers possess adequate content knowledge of all subjects they intend to teach—through both coursework and content testing—but the state’s policy also does not make it overly burdensome for social studies teachers to teach multiple subjects. Other notable states include **Georgia** and **South Dakota**, which also do not offer secondary general social studies certifications.

Figure 30

Do states ensure that middle school teachers have adequate preparation to teach social studies?



1. **Strong Practice:** Alabama, Arkansas, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Indiana, Kansas, Kentucky, Louisiana, Maryland, Mississippi, Missouri, New Jersey, Ohio, Pennsylvania, South Carolina, South Dakota, Vermont, Virginia, West Virginia

2. Maine, Michigan, Minnesota, Nevada, New Hampshire, New Mexico, North Dakota, Oklahoma, Washington

3. Alaska, Arizona, California, Colorado, Idaho, Illinois, Iowa, Massachusetts, Montana, Nebraska, New York, North Carolina, Oregon, Rhode Island, Tennessee, Texas, Utah, Wisconsin, Wyoming

Figure 29

1. Massachusetts does not offer a general social studies license, but offers combination licenses.

Area 1: Delivering Well-Prepared Teachers

Goal I – Special Education Teacher Preparation

The state should ensure that special education teachers know the subject matter they will be required to teach.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should not permit special education teachers to teach on a K-12 license that does not differentiate between the preparation of elementary teachers and that of secondary teachers.
2. All elementary special education candidates should have a broad liberal arts program of study that includes study in mathematics, science, English, social studies and fine arts and should be required to pass a subject-matter test for licensure that is no less rigorous than what is required of general education candidates.
3. The state should require that teacher preparation programs graduate secondary special education teacher candidates who are highly qualified in at least two subjects. The state should also customize a "HOUSE" route for new secondary special education teachers to help them achieve highly qualified status in all the subjects they teach.



The components for this goal have changed since 2009. In light of state progress on this topic, the bar for this goal has been raised.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 31

How States are Faring in Special Education Teacher Preparation



Progress on this Goal Since 2009:

↑ : 3 ↔ : 48 ↓ : 0



State Partly Meets Goal



Bar Raised for this Goal



Progress Since 2009

ANALYSIS

Commendably, New Jersey no longer offers a K-12 special education certification. Although the state does offer a K-12 endorsement, it is added to a general education license that restricts the grade level or subject matter that can be taught.

New Jersey also appropriately requires its elementary special education teacher candidates to pass the same subject-matter test as general education candidates. However, the state does not ensure that its elementary special education teachers—who are required to meet the same preparation requirements as all elementary candidates—are provided with a broad liberal arts program of study relevant to the elementary classroom (see Goal 1-B).

Further, New Jersey fails to require that secondary special education teacher candidates are highly qualified in at least two subject areas, and it does not customize a HOUSSE route for new secondary special education teachers to help them achieve highly qualified status in all subjects they teach.

In addition, the state allows secondary special education teachers to teach single subjects on the K-12 secondary certifications. Although New Jersey has addressed content knowledge by requiring subject-specific content tests, it is unclear whether the state ensures pedagogical knowledge that spans the K-12 grade levels.

Supporting Research

New Jersey Administrative Code 6A:9-11.3

RECOMMENDATION

■ **Consider elementary and secondary specific endorsements for special education teachers.**

Although New Jersey's policy takes steps to ensure that the preparation of special education teachers distinguishes between elementary teachers and secondary levels in terms of content knowledge, the K-12 endorsement does not differentiate in pedagogy preparation. While the broad K-12 umbrella may be appropriate for teachers of low-incidence special education students, such as those with severe cognitive disabilities, it is problematic for the overwhelming majority of high-incidence special education students, who are expected to learn grade-level content.

■ **Provide a broad liberal arts program of study to elementary special education candidates.**

New Jersey should ensure that special education teacher candidates who will teach elementary grades possess not only knowledge of effective learning strategies but also knowledge of the subject matter at hand. Although the state commendably requires the same content test for elementary special education teachers as general education teachers, it should also require core-subject coursework relevant to the elementary classroom. Failure to ensure that teachers possess requisite content knowledge deprives special education students of the opportunity to reach their academic potential.

■ **Ensure that secondary special education teacher candidates graduate with highly qualified status in at least two subjects, and customize a HOUSSE route so that they can achieve highly qualified status in all subjects they plan to teach.**

To make secondary special education teacher candidates more flexible and better able to serve schools and students, New Jersey should use a combination of coursework and testing to ensure that they graduate with highly qualified status in two core academic areas. A customized HOUSSE route can also help new secondary special education teacher candidates to become highly qualified in multiple subjects by offering efficient means by which they could gain broad overviews of specific areas of content knowledge, such as content-driven university courses. Such a route is specifically permitted in the 2004 reauthorization of the Individuals with Disabilities Education Act (IDEA).

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey was helpful in providing NCTQ with the facts necessary for this analysis.

Figure 32

Do states distinguish between elementary and secondary special education teachers?

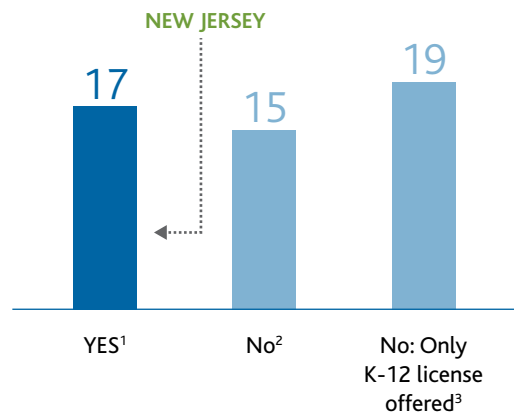
| | DOES NOT OFFER A K-12 CERTIFICATION | Offers K-12 and grade-specific certification(s) | Offers only a K-12 certification |
|---------------------------|-------------------------------------|---|----------------------------------|
| Alabama | ■ | □ | □ |
| Alaska | □ | ■ | □ |
| Arizona | □ | □ | ■ |
| Arkansas | ■ | □ | □ |
| California | □ | □ | ■ |
| Colorado | □ | □ | ■ |
| Connecticut | □ | □ | ■ |
| Delaware | □ | □ | ■ |
| District of Columbia | □ | □ | ■ |
| Florida | □ | □ | ■ |
| Georgia | □ | ■ | □ |
| Hawaii | □ | ■ | □ |
| Idaho | □ | □ | ■ |
| Illinois | □ | □ | ■ |
| Indiana | □ | ■ | □ |
| Iowa | ■ | □ | □ |
| Kansas | □ | ■ | □ |
| Kentucky | □ | □ | ■ |
| Louisiana | ■ | □ | □ |
| Maine | ■ | □ | □ |
| Maryland | ■ | □ | □ |
| Massachusetts | ■ | □ | □ |
| Michigan | □ | ■ | □ |
| Minnesota | □ | ■ | □ |
| Mississippi | □ | ■ | □ |
| Missouri | □ | ■ | □ |
| Montana | □ | □ | ■ |
| Nebraska | □ | ■ | □ |
| Nevada | □ | □ | ■ |
| New Hampshire | □ | ■ | □ |
| NEW JERSEY | ■ | □ | □ |
| New Mexico | □ | □ | ■ |
| New York | ■ | □ | □ |
| North Carolina | □ | □ | ■ |
| North Dakota | □ | ■ | □ |
| Ohio | □ | □ | ■ |
| Oklahoma | □ | □ | ■ |
| Oregon | ■ | □ | □ |
| Pennsylvania ¹ | ■ | □ | □ |
| Rhode Island | ■ | □ | □ |
| South Carolina | □ | □ | ■ |
| South Dakota | □ | ■ | □ |
| Tennessee | □ | ■ | □ |
| Texas | ■ | □ | □ |
| Utah | □ | □ | ■ |
| Vermont | ■ | □ | □ |
| Virginia | □ | □ | ■ |
| Washington | □ | ■ | □ |
| West Virginia | ■ | □ | □ |
| Wisconsin | ■ | □ | □ |
| Wyoming | □ | ■ | □ |
| | 16 | 16 | 19 |

★ EXAMPLES OF BEST PRACTICE

Unfortunately, NCTQ cannot highlight any state's policy in this area. Preparation of special education teachers remains a topic in critical need of states' attention. However, it is worth noting that three states—**Louisiana**, **Pennsylvania** and **Texas**—will no longer issue K-12 special education certifications. Only grade-level specific options will be available to new teachers.

Figure 33

Do states require subject-matter testing for elementary special education licenses?



1. **Strong Practice:** Alabama, Arkansas, Iowa, Kansas, Louisiana, Massachusetts, Michigan, Nebraska, New Jersey, New York, North Dakota, Oregon⁴, Pennsylvania⁵, Rhode Island, Texas, West Virginia, Wisconsin

2. Alaska, Georgia, Hawaii, Indiana, Maine, Maryland, Minnesota, Mississippi, Missouri, New Hampshire, South Dakota, Tennessee, Vermont, Washington, Wyoming

3. Arizona, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Idaho, Illinois, Kentucky, Montana, Nevada, New Mexico, North Carolina, Ohio, Oklahoma, South Carolina, Utah, Virginia

4. Although Oregon requires testing, the state allows an "alternative assessment" option for candidates who fail the tests twice to still be considered for a license.

5. In Pennsylvania, a candidate who opts for dual certification in elementary special education and as a reading specialist does not have to take a content test.

Figure 32

1. Beginning January 1, 2013

Area 1: Delivering Well-Prepared Teachers

Goal J – Assessing Professional Knowledge

The state should use a licensing test to verify that all new teachers meet its professional standards.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should assess new teachers' knowledge of teaching and learning by means of a pedagogy test aligned to the state's professional standards.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 34

How States are Faring in Assessing Professional Knowledge



Progress on this Goal Since 2009:

↑ : 1 ↔ : 49 ↓ : 1



State Does Not Meet Goal



Progress Since 2009

ANALYSIS

New Jersey does not currently require new teachers to pass a pedagogy test in order to attain licensure.

New Jersey is part of the Teacher Performance Assessment (TPA) consortium and began a pilot program in Spring 2011.

Supporting Research

<http://www.ets.org/praxis/nj/requirements>

<http://aacte.org/index.php?/Programs/>

RECOMMENDATION

■ **Require that all new teachers pass a pedagogy test.**

New Jersey should verify that all new teachers meet professional standards through a test of professional standards.

■ **Ensure that performance assessments provide a meaningful measure of new teachers' knowledge and skills.**

While New Jersey is commended for considering the use of a performance-based assessment, the state should proceed with caution until additional data are available on the Teacher Performance Assessment. Additional research is needed to determine how the TPA compares to other teacher tests as well as whether the test's scores are predictive of student achievement. The track record on similar assessments is mixed at best. The two states that currently require the Praxis III performance-based assessment report pass rates of about 99 percent. Given that it takes significant resources to administer a performance-based assessment, a test that nearly every teacher passes is of questionable value.

NEW JERSEY RESPONSE TO ANALYSIS

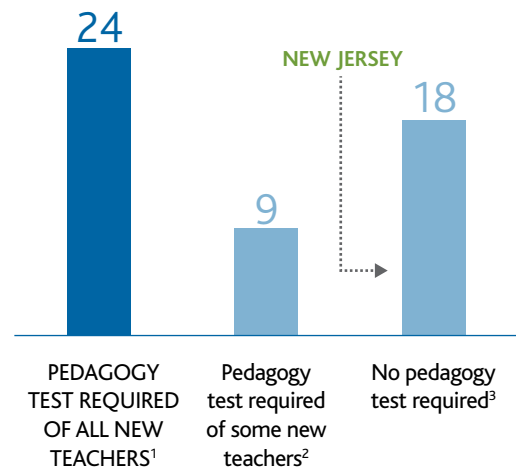
New Jersey recognized the factual accuracy of this analysis.

★ EXAMPLES OF BEST PRACTICE

Twenty-three states meet this goal, and although NCTQ has not singled out one state's policies for "best practice" honors, it additionally commends the nine states (**Arizona, California, Florida, Illinois, Minnesota, New Mexico, New York, Oklahoma, Texas**) that utilize their own assessments to measure pedagogical knowledge and skills.

Figure 35

Do states measure new teachers' knowledge of teaching and learning?



1. **Strong Practice:** Arizona, Arkansas, California, District of Columbia, Florida, Illinois, Kansas, Kentucky, Louisiana, Maine, Minnesota, Mississippi, Nevada, New Mexico, New York, North Dakota, Ohio, Oklahoma, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, West Virginia

2. Connecticut, Idaho, Indiana, Maryland, Missouri, North Carolina, Pennsylvania, Utah⁴, Wyoming

3. Alabama, Alaska, Colorado, Delaware, Georgia, Hawaii, Iowa, Massachusetts, Michigan, Montana, Nebraska, New Hampshire, New Jersey, Oregon, Vermont, Virginia, Washington, Wisconsin

4. Not required until teacher advances from a Level One to a Level Two license.

Area 1: Delivering Well-Prepared Teachers

Goal K – Student Teaching

The state should ensure that teacher preparation programs provide teacher candidates with a high-quality clinical experience.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should require that student teachers only be placed with cooperating teachers for whom there is evidence of their effectiveness as measured by consistent gains in student learning.
2. The state should require that teacher candidates spend at least 10 weeks student teaching.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 36

How States are Faring in Student Teaching



Progress on this Goal Since 2009:

New Goal



ANALYSIS

Commendably, New Jersey requires candidates to complete a full-time student teaching experience for at least one semester.

The state also articulates that cooperating teachers must be “appropriately certified.”

Supporting Research

New Jersey Administrative Code 6A:9-10.2 (a)(5)

RECOMMENDATION

- **Ensure that cooperating teachers have demonstrated evidence of effectiveness as measured by student learning.**

New Jersey’s requirement that cooperating teachers are certified is insufficient. In addition to the ability to mentor an adult, cooperating teachers should also be carefully screened for their capacity to further student achievement. Research indicates that the only aspect of a student teaching arrangement that has been shown to have an impact on student achievement is the positive effect of selection of the cooperating teacher by the preparation program, rather than the student teacher or school district staff.

- **Explicitly require that student teaching be completed locally, thus prohibiting candidates from completing this requirement abroad.**

Unless preparation programs can establish true satellite campuses to closely supervise student teaching arrangements, placement in foreign or otherwise novel locales should be supplementary to a standard student teaching arrangement. Outsourcing the arrangements for student teaching makes it impossible to ensure the selection of the best cooperating teacher and adequate supervision of the student teacher and may prevent training of the teacher on relevant state instructional frameworks.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis.

Figure 37

Do states require the elements of a high-quality student teaching experience?

| | COOPERATING TEACHER SELECTED BASED ON EFFECTIVENESS | STUDENT TEACHING LASTS AT LEAST 10 WEEKS |
|----------------------|---|--|
| Alabama | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input type="checkbox"/> |
| Connecticut | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware | <input type="checkbox"/> | <input type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input type="checkbox"/> |
| Florida | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> |
| Illinois | <input type="checkbox"/> | <input type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Montana | <input type="checkbox"/> | <input type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> |
| New York | <input type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Tennessee | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Texas | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> ¹ |
| Wisconsin | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> |
| | 2 | 29 |

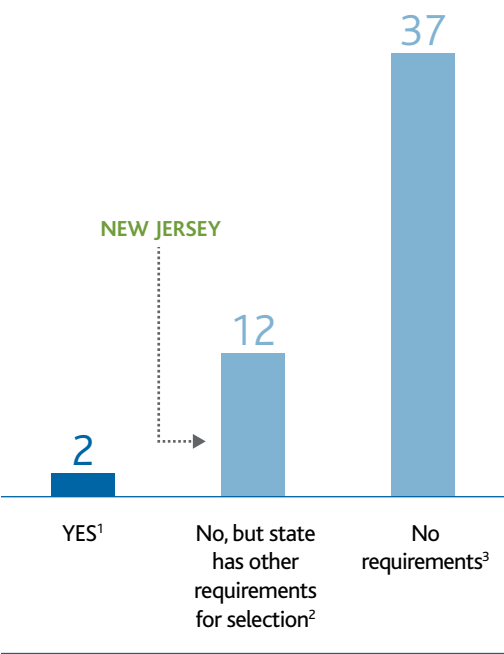
★ EXAMPLES OF BEST PRACTICE

Although no state has been singled out for “best practice” honors, **Florida** and **Tennessee** require teacher candidates to complete at least 10 weeks of full-time student teaching, and they have taken steps toward ensuring that cooperating teachers have demonstrated evidence of effectiveness as measured by student learning.

1. Candidates can student teach for less than 12 weeks if determined to be proficient.

Figure 38

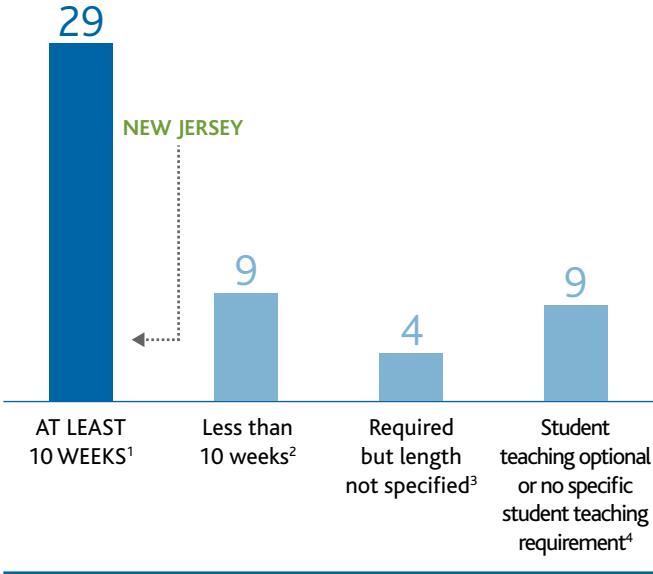
Is the selection of the cooperating teacher based on some measure of effectiveness?



- 1. Strong Practice: Florida, Tennessee
- 2. Alabama, Connecticut, Indiana, Iowa, Kentucky, Nebraska, New Hampshire, New Jersey, North Dakota, Pennsylvania, Washington, Wisconsin
- 3. Alaska, Arizona, Arkansas, California, Colorado, Delaware, District of Columbia, Georgia, Hawaii, Idaho, Illinois, Kansas, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nevada, New Mexico, New York, North Carolina, Ohio, Oklahoma, Oregon, Rhode Island, South Carolina, South Dakota, Texas, Utah, Vermont, Virginia, West Virginia, Wyoming

Figure 39

Is the summative student teaching experience of sufficient length?



- 1. Strong Practice: Alabama, Arkansas, Connecticut, Florida, Hawaii, Iowa, Kansas, Kentucky, Michigan, Minnesota, Mississippi, Nebraska, New Hampshire, New Jersey, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Vermont, Washington, West Virginia⁵, Wisconsin
- 2. Idaho, Indiana, Louisiana, Massachusetts, Missouri, Nevada, New York, Virginia, Wyoming
- 3. Illinois, Maine, New Mexico, Utah
- 4. Alaska, Arizona, California, Colorado, Delaware, District of Columbia, Georgia, Maryland, Montana
- 5. Candidates can student teach for less than 12 weeks if determined to be proficient.

Area 1: Delivering Well-Prepared Teachers

Goal L – Teacher Preparation Program Accountability

The state's approval process for teacher preparation programs should hold programs accountable for the quality of the teachers they produce.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should collect value-added data that connects student achievement gains to teacher preparation programs.
2. The state should collect other meaningful data that reflects program performance, including some or all of the following:
 - a. Average raw scores of teacher candidates on licensing tests, including basic skills, subject matter and professional knowledge tests;
 - b. Number of times, on average, it takes teacher candidates to pass licensing tests;
 - c. Satisfaction ratings by school principals and teacher supervisors of programs' student teachers, using a standardized form to permit program comparison;
 - d. Evaluation results from the first and/or second year of teaching;
 - e. Five-year retention rates of graduates in the teaching profession.
3. The state should establish the minimum standard of performance for each category of data. Programs should be held accountable for meeting these standards, with articulated consequences for failing to do so, including loss of program approval.
4. The state should produce and publish on its website an annual report card that shows all the data the state collects on individual teacher preparation programs.



The components for this goal have changed since 2009. In light of state progress on this topic, the bar for this goal has been raised.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 40

How States are Faring in Teacher Preparation Program Accountability



Progress on this Goal Since 2009:

↑ : 4 ↔ : 44 ↓ : 3



State Meets a Small Part of Goal



Bar Raised for this Goal



Progress Since 2009

ANALYSIS

New Jersey's approval process for its traditional and alternate route teacher preparation programs could do more to hold programs accountable for the quality of the teachers they produce.

For its university-based preparation program approval process, New Jersey requires "where relevant, P-12 student achievement data." This vague reference makes it unclear how academic achievement gains of students taught by the programs' graduates are in fact used during the program approval process.

The state also relies on some other objective, meaningful data to measure the performance of university-based teacher preparation programs. It requires the following documentation for its preparation program approval process:

- Data on candidates' performance on program based assessments at program completion;
- Numbers of educator candidates prepared in critical shortage areas and from diverse backgrounds;
- Placement and retention rates;
- Data on candidates' performance at the end of the provisional period;
- Praxis scores and pass rates; and
- Follow-up survey of graduates and employers.

New Jersey also collects programs' annual summary licensure test pass rates (80 percent of program completers must pass their licensure exams). However, the 80 percent pass-rate standard, while common among many states, sets the bar quite low and is not a meaningful measure of program performance.

The state does not collect these data for its alternate routes, and there is no evidence that the state's standards for program approval are resulting in greater accountability. In the past three years, no program in New Jersey has been identified as low performing.

Finally, New Jersey's website does not include a report card that allows the public to review and compare program performance.

Supporting Research

New Jersey Administrative Code 6A:9-10.1, 6A: 9-8.3

Title II State Reports

<https://title2.ed.gov>

RECOMMENDATION

- **Collect data that connect student achievement gains to teacher preparation programs.**

To ensure that programs are producing effective classroom teachers, New Jersey should consider academic achievement gains of students taught by the programs' graduates, averaged over the first three years of teaching.

- **Establish the minimum standard of performance for each category of data.**

Programs should be held accountable for meeting these standards, with articulated consequences for failing to do so, including loss of program approval after appropriate due process.

- **Publish an annual report card on the state's website.**

To inform the public with meaningful, readily understandable indicators of how well programs are doing, New Jersey should present all the data it collects on individual teacher preparation programs.

■ **Gather other meaningful data that reflect program performance.**

In addition to knowing whether programs are producing effective teachers, other objective, meaningful data can also indicate whether programs are appropriately screening applicants and if they are delivering essential academic and professional knowledge. Building on the data the state currently collects for its university-based teacher preparation programs, New Jersey should gather data for all teacher preparation programs, such as the following: average raw scores of graduates on licensing tests, including basic skills, subject matter and professional knowledge tests; satisfaction ratings by school principals and teacher supervisors of programs' student teachers, using a standardized form to permit program comparison; evaluation results from the first and/or second year of teaching; and five-year retention rates of graduates in the teaching profession.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis. The state added that it is building the necessary data system to allow it to track teachers.

Figure 41

Do states hold teacher preparation programs accountable?

| | TRADITIONAL PREPARATION | | | ALTERNATIVE PREPARATION | | |
|----------------------|---|---------------------------------------|-------------------------------------|---|---------------------------------------|--|
| | OBJECTIVE PROGRAM-SPECIFIC DATA COLLECTED | MINIMUM STANDARDS FOR PERFORMANCE SET | DATA PUBLICLY AVAILABLE ON WEBSITE | OBJECTIVE PROGRAM-SPECIFIC DATA COLLECTED | MINIMUM STANDARDS FOR PERFORMANCE SET | DATA PUBLICLY AVAILABLE ON WEBSITE |
| Alabama | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ¹ |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Delaware | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ² |
| District of Columbia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Florida | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> ¹ |
| Georgia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Illinois | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Kentucky | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ¹ |
| Louisiana | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Maryland | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Massachusetts | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Michigan | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Mississippi | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Nevada | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| NEW JERSEY | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New York | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Carolina | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Texas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 25 | 5 | 14 | 17 | 2 | 10 |

1. Reported institutional data do not distinguish between candidates in the traditional and alternate route programs.

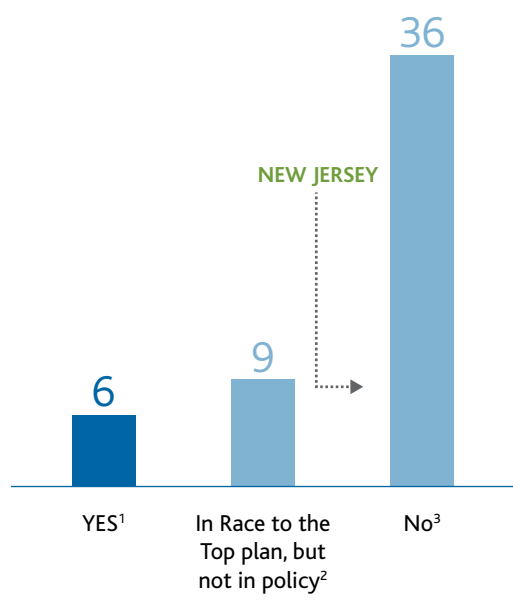
2. The posted data do not allow the public to review and compare program performance because data are not disaggregated by program provider.

★ EXAMPLES OF BEST PRACTICE

Florida connects student achievement gains to teacher preparation programs. The state also relies on other objective, meaningful data to measure the performance of teacher preparation programs, and it applies transparent, measurable criteria for conferring program approval. Florida also posts an annual report on its website.

Figure 42

Do states use student achievement data to hold teacher preparation programs accountable?



1. **Strong Practice:** Colorado, Florida, Georgia, Louisiana, Tennessee, Texas
2. Delaware, District of Columbia, Hawaii, Maryland, Massachusetts, New York, North Carolina, Ohio, Rhode Island
3. Alabama, Alaska, Arizona, Arkansas, California, Connecticut, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, North Dakota, Oklahoma, Oregon, Pennsylvania, South Carolina, South Dakota, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming

Figure 43

Which states collect meaningful data?

AVERAGE RAW SCORES ON LICENSING TESTS

Alabama, Louisiana, Michigan, **NEW JERSEY**, Tennessee, West Virginia

SATISFACTION RATINGS FROM SCHOOLS

Alabama, Arizona, Florida, Iowa, Kentucky, Maryland¹, Michigan, Mississippi, Missouri, Nevada, **NEW JERSEY**, Tennessee, Virginia, Washington¹, West Virginia

EVALUATION RESULTS FOR PROGRAM GRADUATES

Alabama, Arizona, Delaware¹, Florida, Illinois, Iowa, Pennsylvania, Rhode Island, South Carolina, Tennessee, Texas, Vermont

STUDENT LEARNING GAINS

Colorado, Florida, Georgia, Louisiana, Tennessee, Texas

TEACHER RETENTION RATES

Arizona, Colorado, Delaware¹, Missouri, **NEW JERSEY**

1. For alternate route only

Figure 44

What is the relationship between state program approval and national accreditation?

| | STATE HAS ITS OWN APPROVAL STANDARDS | National accreditation is required for state approval | National accreditation can be substituted for state approval | While not technically required, the approval process is indistinguishable from accreditation | While not technically required, there is some overlap |
|-----------------------|--------------------------------------|---|--|--|---|
| Alabama | ■ | □ | □ | □ | □ |
| Alaska | □ | ■ | □ | □ | □ |
| Arizona ¹ | □ | □ | □ | ■ | □ |
| Arkansas | □ | ■ | □ | □ | □ |
| California | ■ | □ | □ | □ | □ |
| Colorado | ■ | □ | □ | □ | □ |
| Connecticut | □ | □ | □ | ■ | □ |
| Delaware | □ | ■ | □ | □ | □ |
| District of Columbia | □ | ■ | □ | □ | □ |
| Florida | ■ | □ | □ | □ | □ |
| Georgia | □ | □ | ■ | □ | □ |
| Hawaii ¹ | □ | ■ | □ | □ | □ |
| Idaho | □ | □ | □ | ■ | □ |
| Illinois ¹ | □ | □ | □ | ■ | □ |
| Indiana | □ | □ | □ | □ | ■ |
| Iowa | ■ | □ | □ | □ | □ |
| Kansas | ■ | □ | □ | □ | □ |
| Kentucky | □ | □ | □ | □ | ■ |
| Louisiana | ■ | □ | □ | □ | □ |
| Maine | □ | □ | ■ | □ | □ |
| Maryland | □ | ■ | □ | □ | □ |
| Massachusetts | ■ | □ | □ | □ | □ |
| Michigan | □ | ■ | □ | □ | □ |
| Minnesota | ■ | □ | □ | □ | □ |
| Mississippi | □ | □ | ■ | □ | □ |
| Missouri | □ | □ | □ | □ | ■ |
| Montana | □ | □ | □ | □ | ■ |
| Nebraska | ■ | □ | □ | □ | □ |
| Nevada | ■ | □ | □ | □ | □ |
| New Hampshire | ■ | □ | □ | □ | □ |
| NEW JERSEY | □ | ■ | □ | □ | □ |
| New Mexico | ■ | □ | □ | □ | □ |
| New York | ■ | □ | □ | □ | □ |
| North Carolina | □ | ■ | □ | □ | □ |
| North Dakota | □ | □ | □ | □ | ■ |
| Ohio ¹ | □ | □ | □ | ■ | □ |
| Oklahoma | □ | ■ | □ | □ | □ |
| Oregon | ■ | □ | □ | □ | □ |
| Pennsylvania | ■ | □ | □ | □ | □ |
| Rhode Island | ■ | □ | □ | □ | □ |
| South Carolina | □ | □ | □ | □ | ■ |
| South Dakota | ■ | □ | □ | □ | □ |
| Tennessee | ■ | □ | □ | □ | □ |
| Texas ¹ | □ | □ | □ | ■ | □ |
| Utah | □ | □ | □ | ■ | □ |
| Vermont | ■ | □ | □ | □ | □ |
| Virginia | □ | □ | ■ | □ | □ |
| Washington | ■ | □ | □ | □ | □ |
| West Virginia | ■ | □ | □ | □ | □ |
| Wisconsin | ■ | □ | □ | □ | □ |
| Wyoming | □ | □ | □ | ■ | □ |
| | 23 | 10 | 4 | 8 | 6 |

1. According to information posted on NCATE's website.

Area 2: Expanding the Pool of Teachers

Goal A – Alternate Route Eligibility

The state should require alternate route programs to exceed the admission requirements of traditional preparation programs while also being flexible to the needs of nontraditional candidates.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. With some accommodation for work experience, alternate route programs should screen candidates for academic ability, such as requiring a minimum 2.75 overall college GPA.
2. All alternate route candidates, including elementary candidates and those having a major in their intended subject area, should be required to pass the state's subject-matter licensing test.
3. Alternate route candidates lacking a major in the intended subject area should be able to demonstrate subject-matter knowledge by passing a test of sufficient rigor.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 45

How States are Faring in Alternate Route Eligibility



Progress on this Goal Since 2009:

↑ : 12 ↔ : 32 ↓ : 7



State Partly Meets Goal



Progress Since 2009

ANALYSIS

The admissions requirements for New Jersey's alternate route exceed those of traditional preparation programs but lack flexibility for nontraditional candidates.

Applicants to New Jersey's Alternate Route Program must obtain a Certificate of Eligibility (CE) for admission. Candidates are required to demonstrate prior academic performance with a cumulative GPA of at least 2.75. Applicants who obtained a degree prior to September 2004 may have a 2.5 minimum GPA. New Jersey is commended for requiring applicants to show evidence of above average academic performance while providing some exclusion for career changers.

New Jersey also requires candidates to pass a subject-matter test, as well as an examination on physiology, hygiene and substance abuse issues. A waiver can be granted for the latter exam if the candidate presents basic military training or college-level study in areas such as biology, health or nutrition. The subject-matter test cannot be used to test out of the coursework requirements.

Secondary candidates must have at least 30 hours of coursework in the instructional area they plan to teach. To obtain an elementary school endorsement, candidates must show a liberal arts, science, dual content or interdisciplinary academic major or a minimum of 60 semester credit hours in liberal arts and/or science. Since the 2009 edition of the *Yearbook*, the state has added an additional coursework requirement: elementary and early childhood applicants must now complete 24 hours of formal instruction in basic pedagogical skills prior to being issued a CE.

The subject-matter test cannot be used to test out of the coursework requirements.

Supporting Research

<http://www.nj.gov/education/educators/license/instructcert.htm>

RECOMMENDATION

■ Reconsider pedagogy coursework as a condition of admission.

While the state is recognized for its attempt to include pedagogical coursework that may increase effectiveness prior to entering the classroom, New Jersey should allow candidates to meet this requirement as part of the preparation program rather than as an admission requirement. Requiring excessive pedagogical coursework requirements as a condition of admission may deter qualified applicants from pursuing an alternate route, as it is a requirement more in line with traditional preparation.

■ Offer flexibility in fulfilling coursework requirements.

Although New Jersey is commended for requiring all candidates to pass a subject-matter test, the state should allow any candidate who already has the requisite knowledge and skills to demonstrate such by passing a rigorous test. Rigid coursework requirements could dissuade talented individuals who lack precisely the right courses from pursuing a career in teaching.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis.

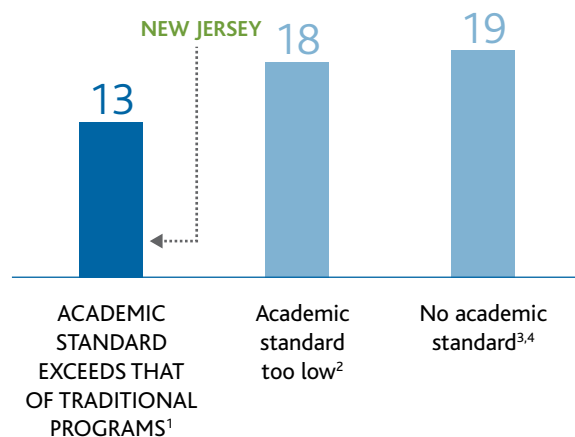
Figure 46

Are states' alternate routes selective yet flexible in admissions?

| | ACADEMIC STANDARD FOR ADMISSION EXCEEDS TRADITIONAL PROGRAMS | SUBJECT-MATTER TEST REQUIRED | NO MAJOR REQUIRED OR TEST CAN BE USED IN LIEU |
|---------------------------|--|-------------------------------------|---|
| Alabama | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| District of Columbia | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Florida | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Illinois | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Indiana | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Kentucky | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Louisiana | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Michigan | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| NEW JERSEY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New York | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota ¹ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Pennsylvania | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Texas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 13 | 24 | 27 |

Figure 47

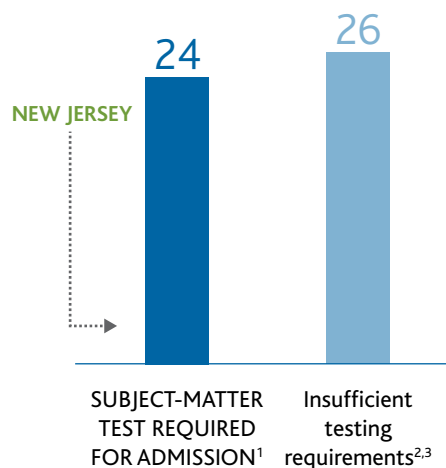
Do states require alternate routes to be selective?



1. **Strong Practice:** Connecticut, District of Columbia, Illinois, Indiana, Iowa, Maryland, Michigan, Minnesota, New Jersey, New York, Pennsylvania, Rhode Island, Tennessee
2. Alabama, Alaska, Arkansas, Florida, Kansas, Kentucky, Louisiana, Mississippi, Missouri, Nebraska, North Carolina, Ohio, Oklahoma, South Carolina, South Dakota, Texas, West Virginia, Wyoming
3. Arizona, California, Colorado, Delaware, Georgia, Hawaii, Idaho, Maine, Massachusetts, Montana, Nevada, New Hampshire, New Mexico, Oregon, Utah, Vermont, Virginia, Washington, Wisconsin
4. North Dakota does not have an alternate route to certification.

Figure 48

Do states ensure that alternate route teachers have subject-matter knowledge?



1. **Strong Practice:** Alabama, Arizona, Arkansas, Connecticut⁴, District of Columbia, Florida, Illinois⁴, Kansas, Kentucky, Louisiana, Massachusetts, Michigan, Minnesota, Mississippi, New Jersey, New York, Ohio, Oklahoma, Pennsylvania, South Carolina, South Dakota, Virginia, Washington, West Virginia
2. State does not require test at all, exempts some candidates or does not require passage until program completion. Alaska, California, Colorado, Delaware, Georgia, Hawaii, Idaho, Indiana, Iowa, Maine, Maryland, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Mexico, North Carolina, Oregon, Rhode Island, Tennessee, Texas, Utah, Vermont, Wisconsin, Wyoming
3. North Dakota does not have an alternate route to certification.
4. Required prior to entering the classroom.

Figure 46

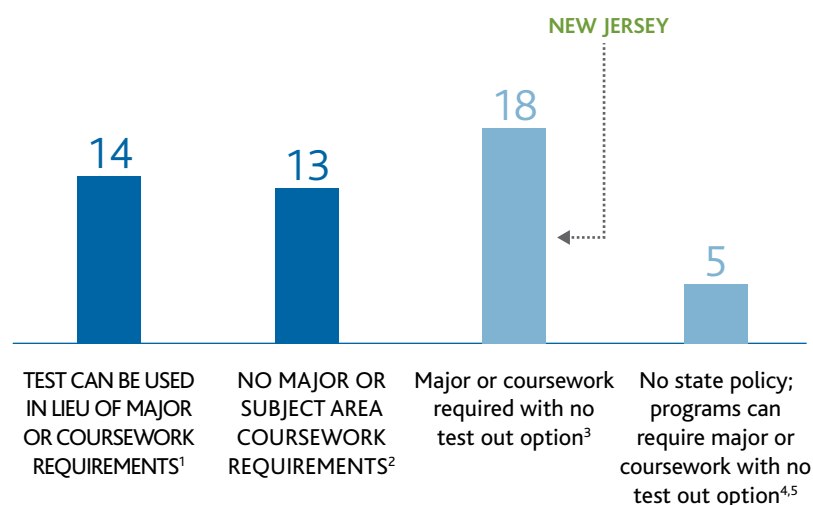
1. North Dakota does not have an alternate route to certification.

★ EXAMPLES OF BEST PRACTICE

The **District of Columbia** and **Michigan** require candidates to demonstrate above-average academic performance as conditions of admission to an alternate route program, with both requiring applicants to have a minimum 3.0 GPA. In addition, neither state requires a content-specific major; subject-area knowledge is demonstrated by passing a test, making their alternate routes flexible to the needs of nontraditional candidates.

Figure 49

Do states accommodate the nontraditional background of alternate route candidates?



1. **Strong Practice:** Alabama, California, Colorado, Connecticut⁶, Florida, Georgia, Maine, Maryland, North Carolina, Oklahoma, Oregon, Rhode Island, Tennessee, Texas

2. **Strong Practice:** Arizona, Arkansas, District of Columbia, Illinois, Iowa, Louisiana, Massachusetts, Michigan, Minnesota, Mississippi, Ohio, Virginia, Washington

3. Alaska, Delaware, Indiana, Kansas, Kentucky, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New York, Pennsylvania, South Carolina, South Dakota, Utah, Vermont, West Virginia, Wyoming

4. Hawaii, Idaho, Nevada, New Mexico, Wisconsin

5. North Dakota does not have an alternate route to certification.

6. Test out option available to candidates in shortage areas only.

Area 2: Expanding the Pool of Teachers

Goal B – Alternate Route Preparation

The state should ensure that its alternate routes provide streamlined preparation that is relevant to the immediate needs of new teachers.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should ensure that the amount of coursework it either requires or allows is manageable for a novice teacher. Anything exceeding 12 credit hours of coursework in the first year may be counterproductive, placing too great a burden on the teacher. This calculation is premised on no more than six credit hours in the summer, three in the fall and three in the spring.
2. The state should ensure that alternate route programs offer accelerated study not to exceed six (three credit) courses for secondary teachers and eight (three credit) courses for elementary teachers (exclusive of any credit for practice teaching or mentoring) over the duration of the program. Programs should be limited to two years, at which time the new teacher should be eligible for a standard certificate.
3. All coursework requirements should target the immediate needs of the new teacher (e.g., seminars with other grade-level teachers, training in a particular curriculum, reading instruction and classroom management techniques).
4. The state should ensure that candidates have an opportunity to practice teach in a summer training program. Alternatively, the state can require an intensive mentoring experience, beginning with a trained mentor assigned full time to the new teacher for the first critical weeks of school and then gradually reduced. The state should support only induction strategies that can be effective even in a poorly managed school: intensive mentoring, seminars appropriate to grade level or subject area, a reduced teaching load and frequent release time to observe effective teachers.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 50

How States are Faring in Alternate Route Preparation



Progress on this Goal Since 2009:

↑ : 8 ↔ : 42 ↓ : 1



State Meets Goal



Progress Since 2009

ANALYSIS

New Jersey offers its alternate route candidates streamlined preparation that meets the immediate needs of new teachers.

New Jersey's Provisional Teacher Program requires 200 hours of formal instruction in professional education aligned with the Professional Standards for Teachers. Elementary candidates must complete a minimum of 290 hours of formal instruction. New Jersey requires instruction to be focused on six areas: subject matter, human growth and development, diverse learners, instructional planning, assessment and professional development.

New Jersey is commended for both the length of its alternate route program and its coursework requirements, which offer the flexibility and content that new teachers need to succeed in the classroom, without being overly burdensome.

On-going mentoring of the provisional teacher is provided over a period of 34 weeks or proportionally longer if the provisional teacher holds a part-time teaching position. Mentoring consists of four weeks of intensive observation and coaching at the beginning of the program. New Jersey is commended for its mentoring program.

Provisional teachers can successfully complete their program within one year and then be recommended for standard licensure.

Supporting Research

N.J.A.C. 6A:9-8.4

<http://www.nj.gov/education/educators/license/provprogram.htm>

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey was helpful in providing NCTQ with facts that enhanced this analysis. New Jersey reiterated that the mentoring program is 34 weeks for alternate route teachers, whereas traditionally trained teachers receive only 30 weeks. Further, the state asserted that although the mentor is not required by regulation to be certified in the same subject/grade level area as the novice teacher, guidance and technical assistance to districts emphasizes this preference.

Supporting Research

N.J.A.C. 6A:9-8.4

Figure 51

Do states' alternate routes provide streamlined preparation that meets the immediate needs of new teachers?

| | STREAMLINED COURSEWORK | RELEVANT COURSEWORK | REASONABLE PROGRAM LENGTH | PRACTICE TEACHING OPPORTUNITY | INTENSIVE SUPPORT |
|---------------------------|------------------------|---------------------|---------------------------|-------------------------------|-------------------|
| Alabama | ■ | □ | ■ | □ | □ |
| Alaska | □ | ■ | ■ | ■ | ■ |
| Arizona | □ | □ | ■ | ■ | □ |
| Arkansas | ■ | ■ | ■ | □ | ■ |
| California | □ | □ | ■ | □ | □ |
| Colorado | ■ | □ | ■ | □ | □ |
| Connecticut | ■ | ■ | ■ | ■ | ■ |
| Delaware | ■ | ■ | ■ | ■ | ■ |
| District of Columbia | □ | □ | □ | ■ | ■ |
| Florida ¹ | ■ | ■ | ■ | ■ | ■ |
| Georgia | ■ | ■ | ■ | □ | ■ |
| Hawaii | □ | □ | □ | □ | □ |
| Idaho | □ | □ | □ | □ | □ |
| Illinois | □ | □ | □ | □ | □ |
| Indiana | □ | □ | □ | ■ | □ |
| Iowa | □ | □ | ■ | ■ | □ |
| Kansas | □ | □ | ■ | □ | □ |
| Kentucky | □ | □ | ■ | □ | ■ |
| Louisiana | □ | □ | ■ | ■ | □ |
| Maine | □ | □ | □ | □ | □ |
| Maryland | ■ | ■ | ■ | ■ | ■ |
| Massachusetts | □ | ■ | □ | ■ | ■ |
| Michigan | □ | □ | □ | ■ | □ |
| Minnesota | □ | □ | ■ | □ | □ |
| Mississippi | ■ | ■ | ■ | □ | □ |
| Missouri | □ | □ | ■ | □ | □ |
| Montana | □ | □ | □ | □ | □ |
| Nebraska | □ | □ | □ | ■ | □ |
| Nevada | □ | □ | ■ | □ | □ |
| New Hampshire | □ | □ | □ | □ | □ |
| NEW JERSEY | ■ | ■ | ■ | □ | ■ |
| New Mexico | □ | □ | □ | ■ | □ |
| New York | □ | □ | ■ | □ | ■ |
| North Carolina | □ | □ | □ | □ | □ |
| North Dakota ² | □ | □ | □ | □ | □ |
| Ohio | □ | □ | □ | ■ | □ |
| Oklahoma | □ | □ | □ | □ | □ |
| Oregon | □ | □ | □ | □ | □ |
| Pennsylvania | □ | □ | □ | □ | □ |
| Rhode Island | ■ | ■ | □ | ■ | □ |
| South Carolina | ■ | □ | □ | □ | □ |
| South Dakota | □ | □ | ■ | □ | □ |
| Tennessee | □ | □ | ■ | □ | □ |
| Texas | □ | □ | ■ | □ | □ |
| Utah | □ | □ | ■ | □ | □ |
| Vermont | □ | □ | □ | ■ | □ |
| Virginia | ■ | ■ | ■ | ■ | □ |
| Washington | □ | □ | ■ | □ | □ |
| West Virginia | □ | □ | ■ | □ | ■ |
| Wisconsin | □ | □ | □ | □ | □ |
| Wyoming | □ | □ | ■ | □ | □ |
| | 13 | 12 | 29 | 18 | 13 |

★ EXAMPLES OF BEST PRACTICE

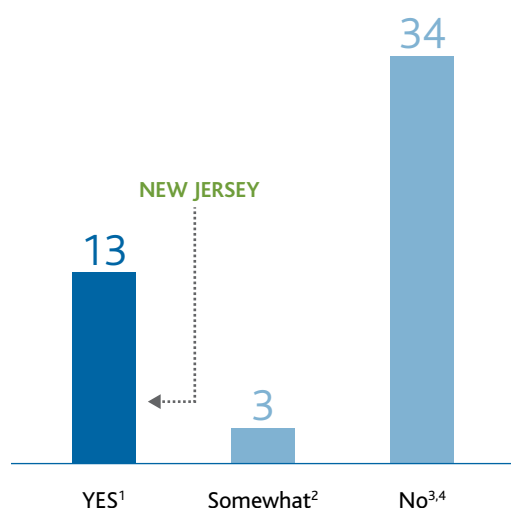
Connecticut ensures that its alternate route provides streamlined preparation that meets the immediate needs of new teachers. The state requires a manageable number of credit hours, relevant coursework, a field placement and intensive mentoring. Other notable states include **Arkansas, Delaware, Georgia** and **New Jersey**. These states provide streamlined, relevant coursework with intensive mentoring.

1. Florida requires practice teaching or intensive mentoring.

2. North Dakota does not have an alternate route to certification.

Figure 52

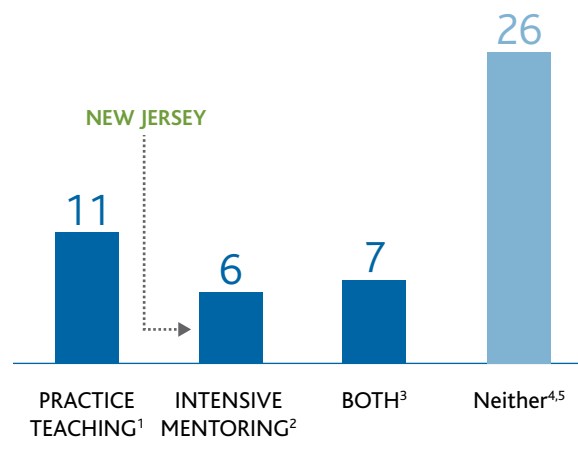
Do states curb excessive coursework requirements?



1. **Strong Practice:** Alabama, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Maryland, Mississippi, New Jersey, Rhode Island, South Carolina, Virginia
2. Indiana, Nevada, Wyoming
3. Alaska, Arizona, California, District of Columbia, Hawaii, Idaho, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Massachusetts, Michigan, Minnesota, Missouri, Montana, Nebraska, New Hampshire, New Mexico, New York, North Carolina, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota, Tennessee, Texas, Utah, Vermont, Washington, West Virginia, Wisconsin
4. North Dakota does not have an alternate route to certification.

Figure 53

Do states require practice teaching or intensive mentoring?



1. **Strong Practice:** Arizona, Indiana, Iowa, Louisiana, Michigan, Nebraska, New Mexico, Ohio, Rhode Island, Vermont, Virginia
2. **Strong Practice:** Arkansas, Georgia, Kentucky, New Jersey, New York, West Virginia
3. **Strong Practice:** Alaska, Connecticut, Delaware, District of Columbia, Florida⁶, Maryland, Massachusetts
4. Alabama, California, Colorado, Hawaii, Idaho, Illinois, Kansas, Maine, Minnesota, Mississippi, Missouri, Montana, Nevada, New Hampshire, North Carolina, Oklahoma, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Washington, Wisconsin, Wyoming
5. North Dakota does not have an alternate route to certification.
6. Candidates are required to have one or the other, not both.

Area 2: Expanding the Pool of Teachers

Goal C – Alternate Route Usage and Providers

The state should provide an alternate route that is free from regulatory obstacles that limit its usage and providers.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should not treat the alternate route as a program of last resort or restrict the availability of alternate routes to certain subjects, grades or geographic areas.
2. The state should allow districts and nonprofit organizations other than institutions of higher education to operate alternate route programs.
3. The state should ensure that its alternate route has no requirements that would be difficult to meet for a provider that is not an institution of higher education (e.g., an approval process based on institutional accreditation).

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 54

How States are Faring in Alternate Route Usage and Providers



Progress on this Goal Since 2009:

↑ : 12 ↔ : 39 ↓ : 0



State Nearly Meets Goal



Progress Since 2009

ANALYSIS

Although New Jersey does not limit the usage of its alternate route, it does place restrictions on providers.

New Jersey is commended for having no limitations on the usage of its alternate route with regard to subject, grade or geographic areas.

Although it allows schools districts to provide alternate route programs, the state insists that they partner with New Jersey-approved traditional teacher preparation programs or consult with these institutions in providing training. In the event that an alternate route provider cannot participate in a joint sponsorship with a college or university, the district or consortium may be authorized to provide formal instruction independently or in joint sponsorship with a non-college entity. Also, the specific requirements are articulated in terms of credit hours, effectively precluding non-higher education providers.

Supporting Research

<http://www.nj.gov/education/educators/license/guide.pdf>

NJAC 6A:9-8.1(c)

RECOMMENDATION

■ Encourage diversity of alternate route providers.

New Jersey should specifically authorize alternate route programs run by local school districts and nonprofits, as well as institutions of higher education. Districts should be able to provide training without a required partnership with colleges and universities. For example, districts may want to provide training in a specific curriculum, something that most colleges and universities are reluctant to do. A good diversity of providers helps all programs, both university- and non-university-based, to improve.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey contended that "although P-3, Bilingual, and special education alternate route programs are articulated in terms of credit hours, K-5 and subject area providers offer non-credit instruction and these programs may be offered by districts or specified private agencies."

Figure 55

Are states' alternate routes free from limitations?

| | BROAD USAGE ACROSS SUBJECTS, GRADES AND GEOGRAPHIC AREAS | DIVERSITY OF PROVIDERS |
|---------------------------|--|-------------------------------------|
| Alabama ¹ | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| California | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Colorado | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| District of Columbia | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Florida | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Georgia | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> |
| Illinois | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Indiana | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input type="checkbox"/> |
| Kentucky | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Louisiana | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input type="checkbox"/> |
| Maryland | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Michigan | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input type="checkbox"/> |
| Montana | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> |
| Nevada | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Hampshire | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New Mexico | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New York | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Carolina | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota ² | <input type="checkbox"/> | <input type="checkbox"/> |
| Ohio | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rhode Island | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Texas | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Utah | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Washington | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> |
| | 32 | 29 |

★ EXAMPLES OF BEST PRACTICE

Twenty-six states meet this goal, and although NCTQ has not singled out one state's policies for "best practice" honors, it commends all states that permit both broad usage and a diversity of providers for their alternate routes.

Figure 56

Can alternate route teachers teach any subject or grade anywhere in the state?

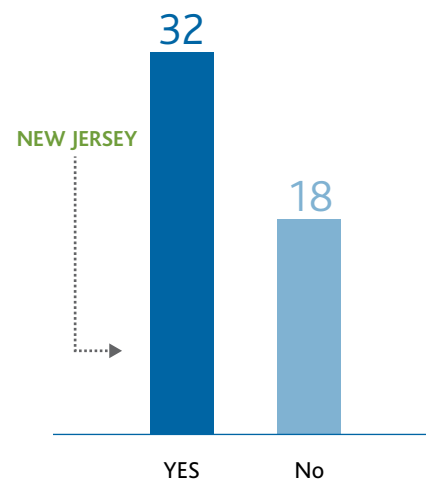
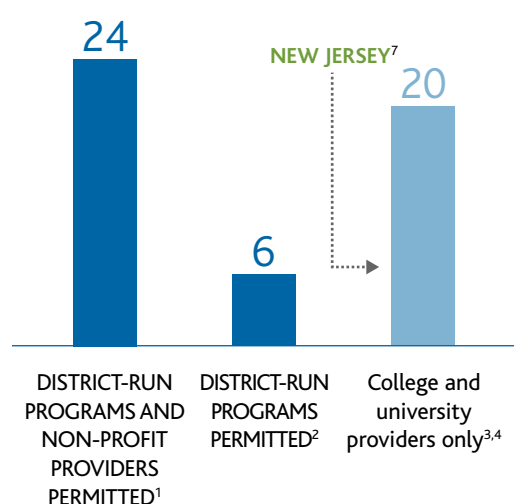


Figure 55 and 56

1. Alabama offers routes without restrictions for candidates with master's degrees. The route for candidates with bachelor's degrees is limited to certain subjects.
2. North Dakota does not have an alternate route to certification.

Figure 57

Do states permit providers other than colleges or universities?



1. **Strong Practice:** Arizona, Arkansas, Connecticut, Delaware, District of Columbia, Florida, Illinois, Kentucky, Louisiana, Maryland, Massachusetts, Michigan, Nevada, New Hampshire, New York, Ohio, Oklahoma, Pennsylvania, Rhode Island, Tennessee, Texas, Virginia, Washington, Wisconsin
2. **Strong Practice:** California, Colorado, Georgia, North Carolina, Vermont⁵, West Virginia
3. Alabama, Alaska, Hawaii, Idaho⁶, Indiana, Iowa, Kansas, Maine, Minnesota, Mississippi⁶, Missouri⁶, Montana, Nebraska, New Jersey⁷, New Mexico, Oregon, South Carolina⁶, South Dakota, Utah⁶, Wyoming
4. North Dakota does not have an alternate route to certification.
5. Districts can run Peer Review programs only.
6. ABCTE is also an approved provider.
7. Permits school districts to provide programs without university partnerships in some circumstances.

Figure 58

1. North Dakota does not have an alternate route to certification.

Figure 58

Do states provide real alternative pathways to certification?

| | GENUINE OR NEARLY GENUINE ALTERNATE ROUTE | Alternate route that needs significant improvements | Offered route is disingenuous |
|----------------------|--|--|-------------------------------------|
| Alabama | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Arkansas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| California | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Connecticut | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Delaware | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Florida | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Illinois | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kentucky | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Louisiana | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Massachusetts | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Michigan | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New York | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota¹ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Virginia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 7 | 25 | 18 |

Figure 59

What are the characteristics of states' alternate routes?

| | PREREQUISITE OF STRONG ACADEMIC PERFORMANCE | VERIFICATION OF SUBJECT MATTER KNOWLEDGE | AVAILABILITY OF TEST OUT OPTIONS | STREAMLINED COURSEWORK | RELEVANT COURSEWORK | REASONABLE PROGRAM LENGTH | PRACTICE TEACHING AND/OR INTENSIVE MENTORING | BROAD USAGE | DIVERSITY OF PROVIDERS |
|----------------------|---|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------------------------------|
| Alabama | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| District of Columbia | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Florida | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Illinois | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Indiana | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Kentucky | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Louisiana | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Maryland | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Michigan | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New York | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rhode Island | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Texas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 13 | 24 | 27 | 13 | 12 | 29 | 24 | 32 | 29 |

Area 2: Expanding the Pool of Teachers

Goal D – Part-Time Teaching Licenses

The state should offer a license with minimal requirements that allows content experts to teach part time.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. Either through a discrete license or by waiving most licensure requirements, the state should authorize individuals with content expertise to teach as part-time instructors.
2. All candidates for a part-time teaching license should be required to pass a subject-matter test.
3. Other requirements for this license should be limited to those addressing public safety (e.g., background screening) and those of immediate use to the novice instructor (e.g., classroom management training).

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 60

How States are Faring in Part Time Teaching Licenses



Progress on this Goal Since 2009:

New Goal



ANALYSIS

New Jersey does not offer a license with minimal requirements that would allow content experts to teach part time.

RECOMMENDATION

■ **Offer a license that allows content experts to serve as part-time instructors.**

New Jersey should permit individuals with deep subject-area knowledge to teach a limited number of courses without fulfilling a complete set of certification requirements. The state should verify content knowledge through a rigorous test and conduct background checks as appropriate, while waiving all other licensure requirements. Such a license would increase districts' flexibility to staff certain subjects, including many STEM areas, that are frequently hard to staff or may not have high enough enrollment to necessitate a full-time position.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis.

Figure 61

Do states offer a license with minimal requirements that allows content experts to teach part-time?

| | YES | No |
|----------------------|--|-------------------------------------|
| Alabama | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| California | <input checked="" type="checkbox"/> ¹ | <input type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Florida | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Georgia | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Illinois | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kansas | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> |
| Kentucky | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Louisiana | <input checked="" type="checkbox"/> ¹ | <input type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Michigan | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Mississippi | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New York | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ohio | <input checked="" type="checkbox"/> ¹ | <input type="checkbox"/> |
| Oklahoma | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Carolina | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Tennessee | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Utah | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Washington | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 16 | 35 |

★ EXAMPLES OF BEST PRACTICE

Arkansas offers a license with minimal requirements that allows content experts to teach part time. Individuals seeking this license must pass a subject-matter test and are also required to complete specially-designed pedagogy training that is not overly burdensome.

1. License has restrictions.

2. It appears that the state has a license that may be used for this purpose; guidelines are vague.

Area 2: Expanding the Pool of Teachers

Goal E – Licensure Reciprocity

The state should help to make licenses fully portable among states, with appropriate safeguards.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should offer a standard license to fully certified teachers moving from other states, without relying on transcript analysis or recency requirements as a means of judging eligibility. The state can and should require evidence of good standing in previous employment.
2. The state should uphold its standards for all teachers by insisting that certified teachers coming from other states meet the incoming state's testing requirements.
3. The state should accord the same license to teachers from other states who completed an approved alternate route program that it accords teachers prepared in a traditional preparation program.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 62

How States are Faring in Licensure Reciprocity



Progress on this Goal Since 2009:

↑ : 2 ↔ : 49 ↓ : 0



State Does Not Meet Goal



Progress Since 2009

ANALYSIS

New Jersey does not support licensure reciprocity for certified teachers from other states.

Regrettably, New Jersey's recent policy change now allows a waiver for its subject-matter test if the out-of-state teacher possesses an equivalent certificate and endorsement and was required to pass a subject-matter test in that previous state.

Teachers with valid out-of-state certificates are eligible for New Jersey's standard license. Those who have not taught successfully for three years under their out-of-state certificate must meet New Jersey's minimum GPA requirement of 2.75. Successful teaching experience is documented by a letter from the applicant's supervisor or district representative.

In addition, transcripts are required for all out-of-state teachers; however, it is not clear whether the state analyzes transcripts to determine whether a teacher was prepared through a traditional or alternate route or whether additional coursework will be required.

New Jersey is also a participant in the NASDTEC Interstate Agreement; however, the latest iteration of this agreement no longer purports to be a reciprocity agreement among states and thus is no longer included in this analysis.

Supporting Research

New Jersey Administrative Code 6A:9-8.9

RECOMMENDATION

- **To uphold standards, require that teachers coming from other states meet testing requirements.**

New Jersey takes considerable risk by granting a waiver for its licensing tests to any out-of-state teacher who has an equivalent license and has already passed a content test. The state should not provide any waivers of its teacher tests unless an applicant can provide evidence of a passing score under its own standards. The negative impact on student learning stemming from a teacher's inadequate subject-matter knowledge is not mitigated by the teacher's having a license from another state.

- **Accord the same license to out-of-state alternate route teachers as would be accorded to traditionally prepared teachers.**

New Jersey should consider discontinuing its requirements for the submission of transcripts. Transcript analysis is likely to result in additional coursework requirements, even for traditionally prepared teachers; alternate route teachers, on the other hand, may have to virtually begin anew, repeating some, most or all of a teacher preparation program in New Jersey. Regardless of whether a teacher was prepared through a traditional or alternate route, all certified out-of-state teachers should receive equal treatment.

- **Reconsider policy that allows a minimum GPA to mitigate unsuccessful teaching experience.**

New Jersey's requirement that teachers from other states must have successful teaching experience is sound policy. However, the reasoning behind allowing out-of-state candidates who fail this criterion to earn a standard license if they meet a minimum grade point average is unclear. While academic background is important, a GPA is not indicative of a teacher's ability in the classroom and should therefore not be substituted as such.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey contended that it accepts standard certificates—indeed all certificates—from other states and does not require transcripts. The state added that it only requires a copy of the out-of-state certificate and proof of three years experience.

LAST WORD

The state's website specifically articulates that the out-of-state teacher application process requires the submission of transcripts.

Supporting Research

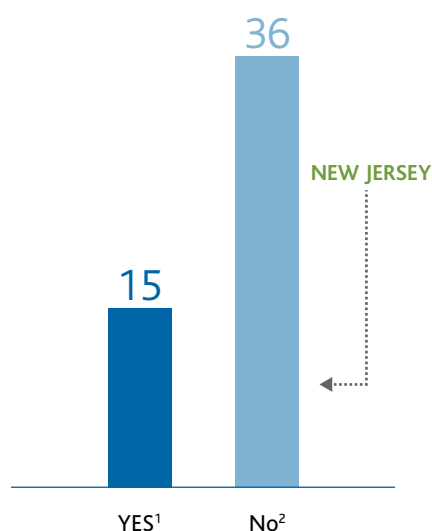
<http://www.nj.gov/education/educators/license/out/reciprocity.htm>

★ EXAMPLES OF BEST PRACTICE

Alabama and **Texas** appropriately support licensure reciprocity by only requiring certified teachers from other states to meet each state's own testing requirements and by not specifying any additional coursework or recency requirements to determine eligibility for either traditional or alternate route teachers.

Figure 63

Do states require all out-of-state teachers to pass their licensure tests?



1. **Strong Practice:** Alabama, Alaska, Idaho, Illinois, Massachusetts, Minnesota, New York³, North Dakota, Ohio, Pennsylvania³, South Dakota, Texas, Utah, Washington³, Wisconsin

2. Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Michigan, Mississippi, Missouri, Montana⁴, Nebraska⁴, Nevada, New Hampshire, New Jersey, New Mexico, North Carolina, Oklahoma, Oregon, Rhode Island, South Carolina, Tennessee, Vermont, Virginia, West Virginia, Wyoming

3. Exception for teachers with National Board Certification.

4. No subject-matter testing for any teacher certification.

Figure 64

1. For traditionally prepared teachers only.

2. Transcript review required for those with less than 3 years experience.

Figure 64

What do states require of teachers transferring from other states?

| | LICENSE RECIPROCITY WITH NO STRINGS ATTACHED | Transcript analysis | Recency requirements |
|----------------------|--|---------------------|----------------------|
| Alabama | ■ | □ | □ |
| Alaska | □ | ■ | ■ |
| Arizona | □ | ■ | □ |
| Arkansas | □ | ■ | □ |
| California | □ | ■ | □ |
| Colorado | □ | ■ | □ |
| Connecticut | □ | ■ | ■ |
| Delaware | ■ | □ | □ |
| District of Columbia | □ | ■ | □ |
| Florida | □ | ■ | □ |
| Georgia | □ | □ | ■ |
| Hawaii | □ | ■ | □ |
| Idaho | □ | ■ | □ |
| Illinois | □ | ■ | □ |
| Indiana | □ | ■ | □ |
| Iowa | □ | ■ | ■ |
| Kansas | □ | ■ | ■ |
| Kentucky | □ | ■ | □ |
| Louisiana | □ | ■ | ■ |
| Maine | □ | ■ | ■ |
| Maryland | □ | ■ | □ |
| Massachusetts | □ | ■ | ■ |
| Michigan | □ | ■ | □ |
| Minnesota | □ | ■ | □ |
| Mississippi | □ | ■ | □ |
| Missouri | □ | ■ | □ |
| Montana | □ | ■ | □ |
| Nebraska | □ | ■ | ■ |
| Nevada | □ | ■ | □ |
| New Hampshire | □ | ■ | □ |
| NEW JERSEY | □ | ■ | □ |
| New Mexico | □ | ■ | □ |
| New York | ■ ¹ | □ | □ |
| North Carolina | ■ | □ | □ |
| North Dakota | □ | ■ | □ |
| Ohio | □ | ■ | □ |
| Oklahoma | □ | ■ | □ |
| Oregon | □ | ■ | □ |
| Pennsylvania | □ | ■ | □ |
| Rhode Island | ■ ¹ | □ | □ |
| South Carolina | □ | ■ | ■ |
| South Dakota | □ | ■ | ■ |
| Tennessee | □ | ■ | □ |
| Texas | ■ | □ | □ |
| Utah | □ | ■ | □ |
| Vermont | □ | ■ | □ |
| Virginia | □ | ■ | □ |
| Washington | ■ ² | □ | □ |
| West Virginia | ■ | □ | □ |
| Wisconsin | □ | ■ | ■ |
| Wyoming | ■ ¹ | □ | □ |
| | 9 | 41 | 12 |

Figure 65

Do states treat out-of-state teachers the same whether they were prepared in a traditional or an alternate route program?

| | STATE TREATS TEACHERS EQUALLY | State specifies different requirements for alternate route teachers | State has policies with the potential to create obstacles for alternate route teachers |
|----------------------|-------------------------------------|---|--|
| Alabama | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| California | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Florida | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Georgia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Illinois | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Kentucky | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Louisiana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Michigan | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New York | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Tennessee | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Texas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 6 | 6 | 39 |

Area 3: Identifying Effective Teachers

Goal A – State Data Systems

The state should have a data system that contributes some of the evidence needed to assess teacher effectiveness.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should establish a longitudinal data system with at least the following key components:
 - a. A unique statewide student identifier number that connects student data across key databases across years;
 - b. A unique teacher identifier system that can match individual teacher records with individual student records; and
 - c. An assessment system that can match individual student test records from year to year in order to measure academic growth.
2. Value-added data provided through the state's longitudinal data system should be considered among the criteria used to determine teachers' effectiveness.
3. To ensure that data provided through the state data system is actionable and reliable, the state should have a clear definition of "teacher of record" and require its consistent use statewide.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 66

How States are Faring in the Development of Data Systems



Progress on this Goal Since 2009:

↑ : 17 ↔ : 33 ↓ : 1



ANALYSIS

New Jersey does not have a data system that can be used to provide evidence of teacher effectiveness.

However, New Jersey does have two of three necessary elements that would allow for the development of a student- and teacher-level longitudinal data system. The state has assigned unique student identifiers that connect student data across key databases across years. It also has the capacity to match student test records from year to year in order to measure student academic growth.

Although New Jersey assigns teacher identification numbers, it cannot match individual teacher records with individual student records.

Supporting Research

Data Quality Campaign

www.dataqualitycampaign.org

RECOMMENDATION

■ Develop capacity of state data system.

New Jersey should ensure that its state data system is able to match individual teacher records with individual student records.

■ Develop a clear definition of "teacher of record."

New Jersey has not yet established a definition of teacher of record, which is essential in order to use the student-data link for teacher evaluation and related purposes. To ensure that data provided through the state data system are actionable and reliable, New Jersey should articulate a definition of teacher of record and require its consistent use throughout the state.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis. The state added that it is improving the capacity of its data system for tracking teachers and linking them to students.

Figure 67

Do state data systems have the capacity to assess teacher effectiveness?

| | UNIQUE STUDENT IDENTIFIER | UNIQUE TEACHER IDENTIFIER SYSTEM THAT CAN MATCH STUDENT RECORDS TO | TEST RECORDS MATCH OVER TIME |
|----------------------|---------------------------|--|------------------------------|
| Alabama | ■ | ■ | ■ |
| Alaska | ■ | ▣ | ■ |
| Arizona | ■ | ▣ | ■ |
| Arkansas | ■ | ■ | ■ |
| California | □ | □ | □ |
| Colorado | ■ | ▣ | ■ |
| Connecticut | ■ | ▣ | ■ |
| Delaware | ■ | ■ | ■ |
| District of Columbia | ■ | ▣ | ■ |
| Florida | ■ | ■ | ■ |
| Georgia | ■ | ■ | ■ |
| Hawaii | ■ | ■ | ■ |
| Idaho | ■ | ■ | ■ |
| Illinois | ■ | ■ | ■ |
| Indiana | ■ | ■ | ■ |
| Iowa | ■ | ■ | ■ |
| Kansas | ■ | ■ | ■ |
| Kentucky | ■ | ■ | ■ |
| Louisiana | ■ | ■ | ■ |
| Maine | ■ | ▣ | ■ |
| Maryland | ■ | ■ | ■ |
| Massachusetts | ■ | ■ | ■ |
| Michigan | ■ | ▣ | ■ |
| Minnesota | ■ | ■ | ■ |
| Mississippi | ■ | ■ | ■ |
| Missouri | ■ | ■ | ■ |
| Montana | ■ | ▣ | ■ |
| Nebraska | ■ | ■ | ■ |
| Nevada | ■ | ▣ | ■ |
| New Hampshire | ■ | ■ | ■ |
| NEW JERSEY | ■ | ▣ | ■ |
| New Mexico | ■ | ■ | ■ |
| New York | ■ | ■ | ■ |
| North Carolina | ■ | ■ | ■ |
| North Dakota | ■ | ■ | ■ |
| Ohio | ■ | ■ | ■ |
| Oklahoma | ■ | ■ | ■ |
| Oregon | ■ | ▣ | ■ |
| Pennsylvania | ■ | ■ | ■ |
| Rhode Island | ■ | ■ | ■ |
| South Carolina | ■ | ■ | ■ |
| South Dakota | ■ | ▣ | ■ |
| Tennessee | ■ | ■ | ■ |
| Texas | ■ | ▣ | ■ |
| Utah | ■ | ■ | ■ |
| Vermont | ■ | ▣ | ■ |
| Virginia | ■ | ▣ | ■ |
| Washington | ■ | ■ | ■ |
| West Virginia | ■ | ■ | ■ |
| Wisconsin | ■ | ■ | ■ |
| Wyoming | ■ | ■ | ■ |
| | 50 | 35 | 50 |

★ EXAMPLES OF BEST PRACTICE

Although NCTQ has not singled out one state's policies for "best practice" honors, it commends the 35 states that have a data system with the capacity to provide evidence of teacher effectiveness.

Key

▣ indicates that the state assigns teacher identification numbers, but it cannot match individual teacher records with individual student records.

Area 3: Identifying Effective Teachers

Goal B – Evaluation of Effectiveness

The state should require instructional effectiveness to be the preponderant criterion of any teacher evaluation.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should either require a common evaluation instrument in which evidence of student learning is the most significant criterion or specifically require that student learning be the preponderant criterion in local evaluation processes. Evaluation instruments, whether state or locally developed, should be structured to preclude a teacher from receiving a satisfactory rating if found ineffective in the classroom.
2. Evaluation instruments should require classroom observations that focus on and document the effectiveness of instruction.
3. Teacher evaluations should consider objective evidence of student learning, including not only standardized test scores but also classroom-based artifacts such as tests, quizzes and student work.
4. The state should require that evaluation instruments differentiate among various levels of teacher performance. A binary system that merely categorizes teachers as satisfactory or unsatisfactory is inadequate.



The components for this goal have changed since 2009. In light of state progress on this topic, the bar for this goal has been raised.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 68

How States are Faring in Evaluating Teacher Effectiveness



Progress on this Goal Since 2009:

↑ : 26 ↔ : 25 ↓ : 0



State Meets a Small Part of Goal



Bar Raised for this Goal



Progress Since 2009

ANALYSIS

New Jersey does not require that objective evidence of student learning be the preponderant criterion of its teacher evaluations.

The state requires local school districts to formulate comprehensive evaluation policies that must include classroom observations as well as “a summary of indicators of student progress and growth, and a statement of how these indicators relate to the effectiveness of the overall program and the performance of the individual teaching staff member.” Although New Jersey mentions the requirement of student achievement indicators, it does not clearly articulate that objective measures of student achievement will be used as part of teacher evaluations.

The governor of New Jersey has recently proposed legislative reform that would require multiple measures of student learning to comprise at least 50 percent of teacher evaluations. Under this new system, teachers would be rated using the following multiple rating categories: highly effective, effective, partially effective and ineffective.

Supporting Research

New Jersey Administrative Code 6A:32-4.4 and 6A:32-4.5

“The Christie Reform Agenda”

<http://www.state.nj.us/education/reform/>

RECOMMENDATION

■ **Require instructional effectiveness to be the preponderant criterion of any teacher evaluation.**

Although New Jersey requires some evidence of student achievement, it is not clear whether the state requires objective evidence of student achievement for all teacher evaluations. In light of the governor’s proposal, New Jersey clearly acknowledges there is room for improvement.

New Jersey should either require a common evaluation instrument in which evidence of student learning is the most significant criterion, or it should specifically require that student learning be the preponderant criterion in local evaluation processes. Whether state or locally developed, a teacher should not be able to receive a satisfactory rating if found ineffective in the classroom.

■ **Ensure that classroom observations specifically focus on and document the effectiveness of instruction.**

Although New Jersey commendably requires classroom observations as part of teacher evaluations, the state should articulate guidelines that focus classroom observations on the quality of instruction, as measured by student time on task, student grasp or mastery of the lesson objective and efficient use of class time.

■ **Utilize rating categories that meaningfully differentiate among various levels of teacher performance.**

To ensure that the evaluation instrument accurately differentiates among levels of teacher performance, New Jersey should require districts to utilize multiple rating categories, such as the ones outlined in the governor’s proposal. A binary system that merely categorizes teachers as satisfactory or unsatisfactory is inadequate.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis.

Figure 69

Do states consider classroom effectiveness as part of teacher evaluations?

| | REQUIRES THAT STUDENT ACHIEVEMENT/GROWTH IS THE PREPONDERANT CRITERION | Teacher evaluations are to be significantly informed by student achievement/growth | Teacher evaluations must include objective evidence of student learning | Student achievement data not required |
|-----------------------------------|--|--|---|---------------------------------------|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New York | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Oklahoma | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rhode Island | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Texas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 12 | 5 | 7 | 27 |

★ EXAMPLES OF BEST PRACTICE

NCTQ has not singled out any one state for "best practice" honors. Many states have made significant strides in the area of teacher evaluation by requiring that objective evidence of student learning be the preponderant criterion. Because there are many different approaches that result in student learning being the preponderant criterion, all 10 states that meet this goal are commended for their efforts.

Figure 70

Using state data in teacher evaluations

States with Requirements for Student Achievement Data but Lacking Data System Capacity

Arizona, Colorado, Connecticut, Michigan, Nevada

States with Data System Capacity but No Student Achievement Requirements

Alabama, Hawaii, Iowa, Kansas, Kentucky, Mississippi, Missouri, Nebraska, New Hampshire, New Mexico, North Dakota, Pennsylvania, South Carolina, Washington, West Virginia, Wisconsin

Figure 69

1. District of Columbia Public Schools requires that student learning be the preponderant criterion of its teacher evaluations.

Figure 71

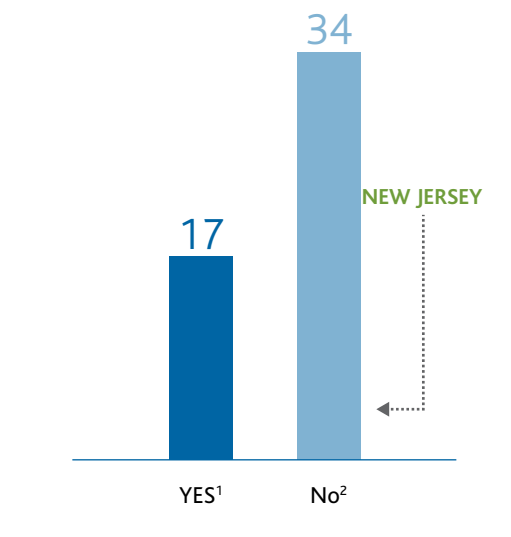
Sources of objective evidence of student learning

Many educators struggle to identify possible sources of objective student data. Here are some examples:

- Standardized test scores
- Periodic diagnostic assessments
- Benchmark assessments that show student growth
- Artifacts of student work connected to specific student learning standards that are randomly selected for review by the principal or senior faculty, scored using rubrics and descriptors
- Examples of typical assignments, assessed for their quality and rigor
- Periodic checks on progress with the curriculum coupled with evidence of student mastery of the curriculum from quizzes, tests and exams

Figure 72

Do states require more than two categories for teacher evaluation ratings?



1. **Strong Practice:** Arkansas, Colorado, Delaware, Florida, Georgia, Illinois, Indiana, Maryland, Massachusetts, Michigan, Nevada, New York, Ohio, Oklahoma, Rhode Island, Tennessee, Washington

2. Alabama, Alaska, Arizona, California, Connecticut, District of Columbia, Hawaii, Idaho, Iowa, Kansas, Kentucky, Louisiana, Maine, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, North Carolina, North Dakota, Oregon, Pennsylvania, South Carolina, South Dakota, Texas, Utah, Vermont, Virginia, West Virginia, Wisconsin, Wyoming

Figure 73

Do states direct how teachers should be evaluated?

| | Single statewide teacher evaluation system | State-designed teacher evaluation with district opt-in | District-designed system consistent with state framework/criteria | District-designed system with minimal input from state | No state policy |
|----------------------|--|--|---|--|-------------------------------------|
| Alabama | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| District of Columbia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Georgia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Rhode Island | <input type="checkbox"/> | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Tennessee | <input type="checkbox"/> | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input type="checkbox"/> | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 9 | 10 | 24 | 5 | 3 |

1. State approval required.

2. The state model is presumptive; districts need state approval to opt out.

Area 3: Identifying Effective Teachers

Goal C – Frequency of Evaluations

The state should require annual evaluations of all teachers.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should require that all teachers receive a formal evaluation rating each year.
2. While all teachers should have multiple observations that contribute to their formal evaluation rating, the state should ensure that new teachers are observed and receive feedback early in the school year.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 74

How States are Faring in Frequency of Evaluations



Progress on this Goal Since 2009:

↑ : 13 ↔ : 37 ↓ : 1



State Meets Goal



Progress Since 2009

ANALYSIS

Commendably, all teachers in New Jersey must be evaluated annually.

Nonprobationary teachers are required to be evaluated once a year. New teachers in New Jersey must be evaluated three times a year. At least one evaluation must occur during each semester, and all three must be completed by April 30. Each evaluation is followed by a conference to discuss teacher performance.

Supporting Research

New Jersey Permanent Statute 18A:27-3.1

New Jersey Administrative Code 6A:32-4.4

RECOMMENDATION

■ Base evaluations on multiple observations.

To guarantee that annual evaluations are based on an adequate collection of information, New Jersey should require multiple observations for all teachers, even those who have nonprobationary status. Further, as evaluation instruments become more data driven, it may not be feasible to issue multiple formal evaluation ratings during a single year. Applicable student data will likely not be available to support multiple ratings.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis.

Figure 75

Do states require districts to evaluate all teachers each year?

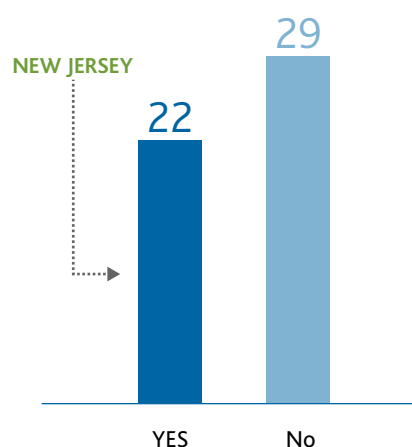
| | ANNUAL EVALUATION OF ALL VETERAN TEACHERS | ANNUAL EVALUATION OF ALL NEW TEACHERS |
|-----------------------------------|--|--|
| Alabama | ■ | ■ |
| Alaska | □ | ■ |
| Arizona | ■ | ■ |
| Arkansas | □ | ■ |
| California | □ | ■ |
| Colorado | ■ | ■ |
| Connecticut | ■ | ■ |
| Delaware ¹ | ■ | ■ |
| District of Columbia ² | □ | □ |
| Florida | ■ | ■ |
| Georgia | ■ | ■ |
| Hawaii | □ | ■ |
| Idaho | ■ | ■ |
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| Nebraska | □ | ■ |
| Nevada | ■ | ■ |
| New Hampshire | □ | □ |
| NEW JERSEY | ■ | ■ |
| New Mexico | □ | ■ |
| New York | ■ | ■ |
| North Carolina | ■ | ■ |
| North Dakota | ■ | ■ |
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| Oklahoma | ■ | ■ |
| Oregon | □ | ■ |
| Pennsylvania | ■ | ■ |
| Rhode Island | ■ | ■ |
| South Carolina | □ | ■ |
| South Dakota | □ | ■ |
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| Texas | □ | ■ |
| Utah | ■ | ■ |
| Vermont | □ | □ |
| Virginia | □ | ■ |
| Washington | ■ | ■ |
| West Virginia | □ | ■ |
| Wisconsin | □ | □ |
| Wyoming | ■ | ■ |
| | 22 | 43 |

★ EXAMPLES OF BEST PRACTICE

Although not awarding “best practice” honors for frequency of evaluations, NCTQ commends all nine states that meet this goal not only by requiring annual evaluations for all teachers, but also for ensuring that new teachers are observed and receive feedback during the first half of the school year.

Figure 76

Do states require districts to evaluate all teachers each year?

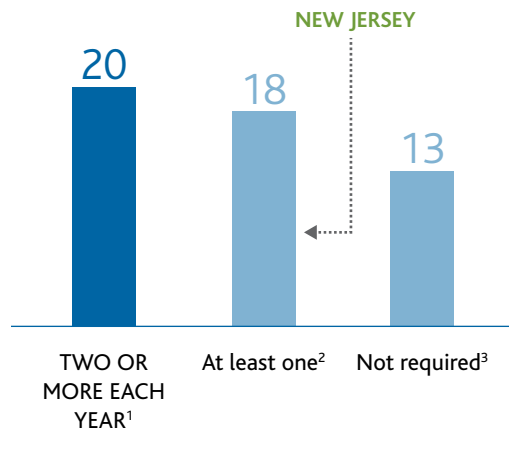


Figures 75 and 76

1. Although highly effective teachers are only required to receive a summative evaluation once every two years, the student improvement component is evaluated annually.
2. All District of Columbia Public Schools teachers are evaluated at least annually.

Figure 77

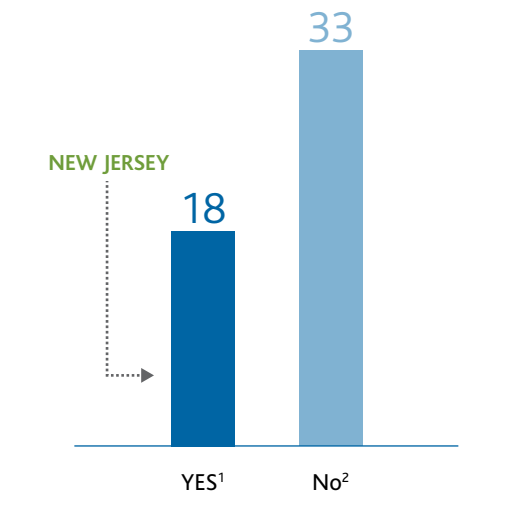
Do states require classroom observations?



1. **Strong Practice:** Alabama, Alaska⁴, Arkansas, Colorado⁴, Delaware, Florida⁴, Georgia, Kentucky⁴, Maryland, Michigan, Missouri⁴, Nevada⁴, New York, North Carolina, Ohio, Oregon⁴, Rhode Island, Tennessee, Washington, West Virginia⁴
2. Arizona, California, Connecticut, Hawaii, Idaho, Illinois, Indiana, Louisiana, Massachusetts, Mississippi, New Jersey, New Mexico, Oklahoma, Pennsylvania, South Carolina, Texas, Utah, Wisconsin
3. District of Columbia, Iowa, Kansas, Maine, Minnesota, Montana, Nebraska, New Hampshire, North Dakota, South Dakota, Vermont, Virginia, Wyoming
4. For new teachers.

Figure 78

Do states require that new teachers are observed early in the year?



1. **Strong Practice:** Alabama, Idaho, Indiana, Kansas, Kentucky, Maryland, Minnesota, Nebraska, Nevada, New Jersey, North Dakota, Ohio, Oklahoma, Rhode Island, South Carolina, Tennessee, Washington, West Virginia
2. Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Illinois, Iowa, Louisiana, Maine, Massachusetts, Michigan, Mississippi, Missouri, Montana, New Hampshire, New Mexico, New York, North Carolina, Oregon, Pennsylvania, South Dakota, Texas, Utah, Vermont, Virginia, Wisconsin, Wyoming

Area 3: Identifying Effective Teachers

Goal D – Tenure

The state should require that tenure decisions are based on evidence of teacher effectiveness.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. A teacher should be eligible for tenure after a certain number of years of service, but tenure should not be granted automatically at that juncture.
2. Evidence of effectiveness should be the preponderant criterion in tenure decisions.
3. The state should articulate a process, such as a hearing, that local districts must administer in considering the evidence and deciding whether a teacher should receive tenure.
4. The minimum years of service needed to achieve tenure should allow sufficient data to be accumulated on which to base tenure decisions; five years is the ideal minimum.



The components for this goal have changed since 2009. In light of state progress on this topic, the bar for this goal has been raised.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 79

How States are Faring on Tenure



Progress on this Goal Since 2009:

↑ : 15 ↔ : 36 ↓ : 0



State Does Not Meet Goal



Bar Raised for this Goal



Progress Since 2009

ANALYSIS

New Jersey does not connect tenure decisions to evidence of teacher effectiveness.

Teachers in New Jersey are awarded tenure automatically after a three-year probationary period, absent an additional process that evaluates cumulative evidence of teacher effectiveness.

In his education reform package, the Governor of New Jersey has unveiled his proposed tenure policy, which includes granting tenure to teachers who receive the two highest ratings—highly effective and effective—three years in a row on the teacher evaluation system. Those rated partially effective for two years or ineffective for one year could lose their jobs.

Supporting Research

New Jersey Statute 18A:28-5

"The Christie Reform Agenda"

<http://www.state.nj.us/education/reform/>

RECOMMENDATION

■ End the automatic awarding of tenure.

The decision to grant tenure should be a deliberate one, based on consideration of a teacher's commitment and actual evidence of classroom effectiveness.

■ Ensure evidence of effectiveness is the preponderant criterion in tenure decisions.

New Jersey should make evidence of effectiveness, rather than the number of years in the classroom, the most significant factor when determining this leap in professional standing.

■ Articulate a process that local districts must administer when deciding which teachers get tenure.

New Jersey should require a clear process, such as a hearing, to ensure that the local district reviews a teacher's performance before making a determination regarding tenure.

■ Require a longer probationary period.

New Jersey should extend its probationary period, ideally to five years. This would allow for an adequate collection of sufficient data that reflect teacher performance.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis.

Figure 80

How long before a teacher earns tenure?

| | No policy | 1 year | 2 years | 3 years | 4 YEARS | 5 YEARS | STATE ONLY AWARDS ANNUAL CONTRACTS |
|----------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|---|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| District of Columbia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Florida | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Ohio | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 1 | 1 | 5 | 32 | 4 | 5 | 3 |

1. Teachers may also earn career status with an average rating of at least effective for a four-year period and a rating of at least effective for the last two years.

2. Teachers who receive two years of ineffective evaluations are dismissed.

Figure 81

How are tenure decisions made?

| | EVIDENCE OF STUDENT LEARNING IS THE PREPONDERANT CRITERION | Some evidence of student learning is considered | Virtually automatically |
|----------------------|--|---|--|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Colorado | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Connecticut | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ¹ |
| Florida | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Illinois | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kentucky | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Louisiana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Michigan | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nevada | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New York | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oklahoma | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rhode Island | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Tennessee | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 8 | 4 | 39 |



EXAMPLES OF BEST PRACTICE

Michigan has increased its probationary period to five years and requires that evidence of effectiveness be the primary criterion in awarding tenure.

Figure 82

How are tenure decisions made?

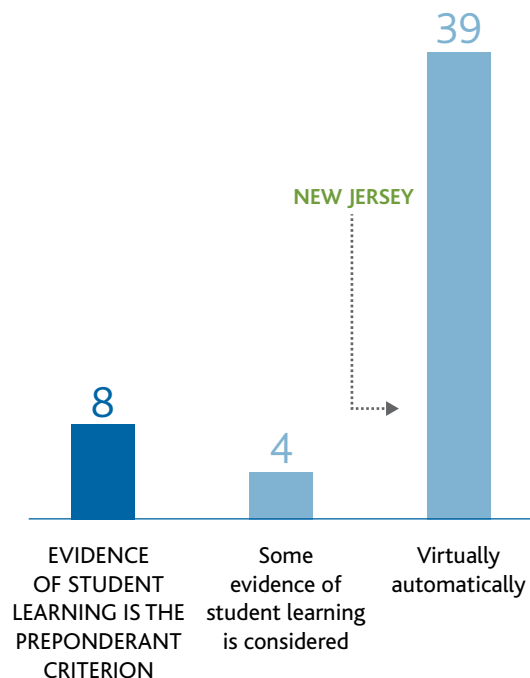


Figure 81

1. No state-level policy; however, the contract between DCPS and the teachers' union represents significant advancement in the area of teacher tenure.
2. The state has created a loophole by essentially waiving student learning requirements and allowing the principal of a school to petition for career-teacher status.

Area 3: Identifying Effective Teachers

Goal E – Licensure Advancement

The state should base licensure advancement on evidence of teacher effectiveness.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should base advancement from a probationary to a nonprobationary license on evidence of teacher effectiveness.
2. The state should not require teachers to fulfill generic, unspecified coursework requirements to advance from a probationary to a nonprobationary license.
3. The state should not require teachers to have an advanced degree as a condition of professional licensure.
4. Evidence of effectiveness should be a factor in the renewal of a professional license.



The components for this goal have changed since 2009. In light of state progress on this topic, the bar for this goal has been raised.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 83

How States are Faring on Licensure Advancement



Progress on this Goal Since 2009:

↑ : 4 ↔ : 45 ↓ : 2



State Does Not Meet Goal



Bar Raised for this Goal



Progress Since 2009

ANALYSIS

New Jersey's requirements for licensure advancement and renewal are not based on evidence of teacher effectiveness.

In New Jersey, to advance from a Provisional Certificate to a Standard Certificate, all novice teachers, both alternate and traditional route, participate in the Provisional Teacher Program, a program that must provide ongoing mentoring for a period of 34 weeks. Advancement recommendations for a permanent standard license are based on the results of three formal evaluations by school administrators.

New Jersey does not require teachers who have obtained standard teaching licenses to renew those licenses at any point during their career.

Supporting Research

<http://www.state.nj.us/education/educators/license/provprogram.htm>

RECOMMENDATION

■ **Require evidence of effectiveness as a part of teacher licensing policy.**

New Jersey should require evidence of teacher effectiveness to be a factor in determining whether teachers can renew their licenses or advance to a higher-level license. New Jersey's requirement of satisfactory educational experience does not accomplish this purpose, since the state's requirements do not ensure that classroom effectiveness is considered in teachers' evaluations (see Goal 3-B). The state's policy is further compromised by the issuance of lifetime standard licenses, with no requirements for renewal. While most states fail to connect evidence of teacher effectiveness to licensure renewal, New Jersey is exceptional in not requiring any renewal at all.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis.

Figure 84

Do states require teachers to show evidence of effectiveness before conferring professional licensure?

| | OBJECTIVE EVIDENCE OF EFFECTIVENESS IS REQUIRED | Some objective evidence of effectiveness is considered | Consideration given to teacher performance, but performance is not tied to classroom effectiveness | Performance not considered |
|-----------------------|---|--|--|-------------------------------------|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Florida | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Illinois ¹ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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| Louisiana | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland ² | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Massachusetts | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Michigan | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Ohio | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 3 | 3 | 11 | 34 |

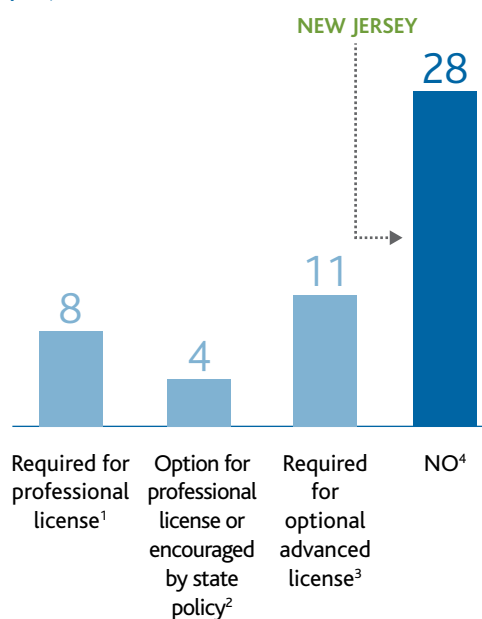


EXAMPLES OF BEST PRACTICE

Rhode Island is integrating certification, certification renewal and educator evaluation. Teachers who receive poor evaluations for five consecutive years are not eligible to renew their certification. In addition, teachers who consistently receive 'highly effective' ratings will be eligible for a special license designation.

Figure 85

Do states require teachers to earn advanced degrees before conferring professional licensure?



1. Connecticut, Kentucky, Maryland, Michigan, Mississippi, Montana, New York and Oregon all require a master's degree or coursework equivalent to a master's degree

2. Illinois, Massachusetts, Missouri, Tennessee

3. Alabama, Hawaii, Indiana, Iowa, Nebraska, New Mexico, Ohio, South Carolina, Utah, Virginia, West Virginia

4. **Strong Practice:** Alaska, Arizona, Arkansas, California, Colorado, Delaware, District of Columbia, Florida, Georgia, Idaho, Kansas, Louisiana, Maine, Minnesota, Nevada, New Hampshire, New Jersey, North Carolina, North Dakota, Oklahoma, Pennsylvania, Rhode Island, South Dakota, Texas, Vermont, Washington, Wisconsin, Wyoming

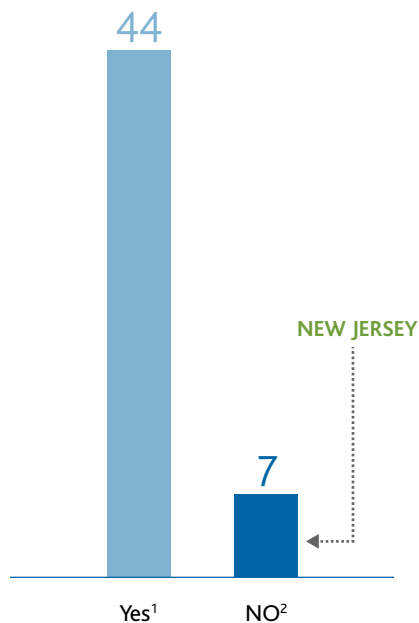
Figure 84

1. Illinois allows revocation of licenses based on ineffectiveness.

2. Maryland uses some objective evidence through their evaluation system for renewal, but advancement to professional license is still based on earning an advanced degree.

Figure 86

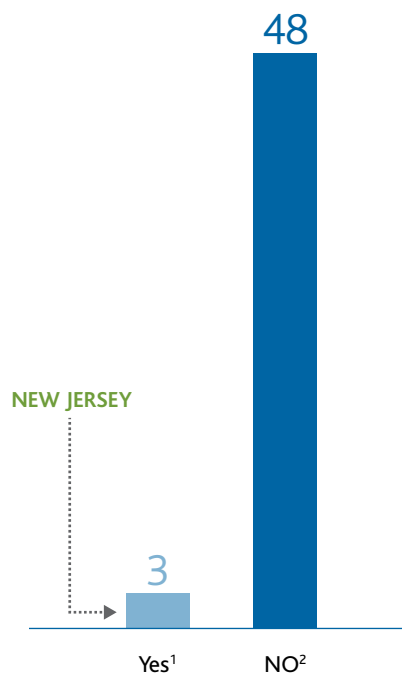
Do states require teachers to take additional, nonspecific coursework before conferring or renewing professional licenses?



1. Alabama, Alaska, Arizona, Arkansas, Colorado, Connecticut, Delaware, District of Columbia, Florida, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming
2. **Strong Practice:** California, Georgia, Hawaii, Louisiana, New Jersey, New Mexico, Rhode Island

Figure 87

Do states award lifetime professional licenses?



1. New Jersey, Pennsylvania, West Virginia
2. **Strong Practice:** Alabama, Alaska, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, Washington, Wisconsin, Wyoming

Area 3: Identifying Effective Teachers

Goal F – Equitable Distribution

The state should publicly report districts' distribution of teacher talent among schools to identify inequities in schools serving disadvantaged children.

Goal Components

(The factors considered in determining the states' rating for the goal.)

The state should make the following data publicly available:

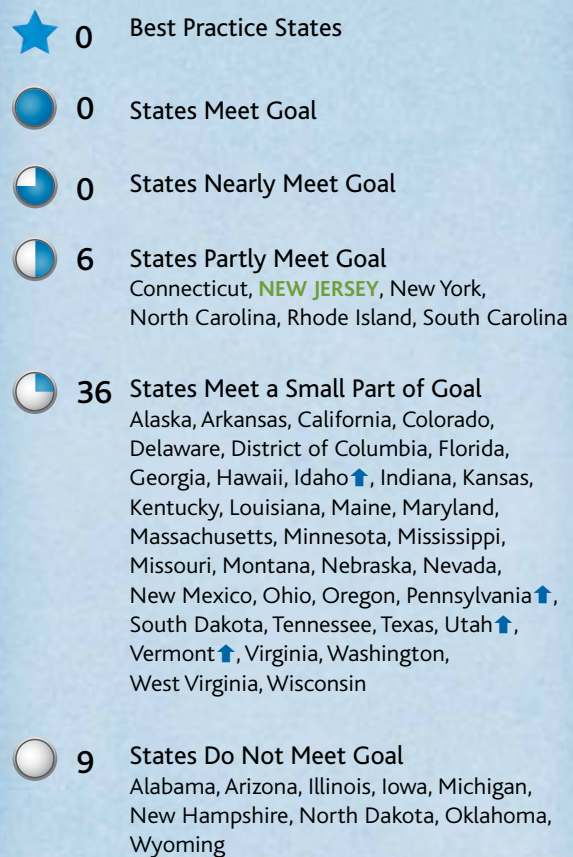
1. An "Academic Quality" index for each school that includes factors research has found to be associated with teacher effectiveness, such as:
 - a. percentage of new teachers;
 - b. percentage of teachers failing basic skills licensure tests at least once;
 - c. percentage of teachers on emergency credentials;
 - d. average selectivity of teachers' undergraduate institutions; and
 - e. teachers' average ACT or SAT scores;
2. The percentage of highly qualified teachers disaggregated by both individual school and by teaching area;
3. The annual teacher absenteeism rate reported for the previous three years, disaggregated by individual school;
4. The average teacher turnover rate for the previous three years, disaggregated by individual school, by district and by reasons that teachers leave.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 88

How States are Faring on Equitable Distribution



Progress on this Goal Since 2009:

↑ : 4 ↔ : 47 ↓ : 0



State Partly Meets Goal



Progress Since 2009

ANALYSIS

Providing comprehensive reporting may be the state's most important role for ensuring the equitable distribution of teachers among schools. New Jersey reports some school-level data that can help support the equitable distribution of teacher talent.

New Jersey collects and publicly reports some of the data recommended by NCTQ. Although the state does not provide a school-level teacher quality index that demonstrates the academic backgrounds and experience of a school's teacher, New Jersey does report on the percentage of teachers on emergency credentials. The state also reports on the percentage of highly qualified teachers and teacher absenteeism and turnover at each school.

Supporting Research

2009-2010 New Jersey Highly Qualified Teacher Survey Results

<http://www.nj.gov/education/data/hqt/10/>

2010 New Jersey NCLB School Report Card

<http://education.state.nj.us/rc/rc10/index.html>

2010 New Jersey School Report Card

<http://education.state.nj.us/rc/rc10/datasetselect.php>

RECOMMENDATION

■ Use a teacher quality index to report publicly about each school.

New Jersey is commended for reporting more school-level data than most states. However, the state should utilize a teacher quality index, with such data as with teachers' average SAT or ACT scores, the percentage of teachers failing basic skills licensure tests at least once, the selectivity of teachers' undergraduate colleges and the percentage of new teachers. This can shine a light on how equitably teachers are distributed both across and within districts. New Jersey should ensure that individual school report cards include such data in a manner that translates these factors into something easily understood by the public, such as a color-coded matrix indicating a school's high or low score.

■ Provide comparative data based on school demographics.

Providing comparative data for schools with similar poverty and minority populations would yield an even more comprehensive picture of gaps in the equitable distribution of teachers.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis.

Figure 89

Do states publicly report school-level data about teachers?

| | AN INDEX FOR EACH SCHOOL THAT INCLUDES FACTORS ASSOCIATED WITH TEACHER QUALITY | PERCENTAGE OF TEACHERS ON EMERGENCY CREDENTIALS ¹ | PERCENTAGE OF NEW TEACHERS ¹ | PERCENTAGE OF HIGHLY QUALIFIED TEACHERS | ANNUAL TURNOVER RATE | TEACHER ABSENTEEISM RATE |
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| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Wisconsin | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 0 | 18 | 10 | 41 | 6 | 5 |

★ EXAMPLES OF BEST PRACTICE

No state has an outstanding record when it comes to public reporting of teacher data that can help to ameliorate inequities in teacher quality. However, **Connecticut, New Jersey, New York, North Carolina, Rhode Island** and **South Carolina** report more school-level data than other states.

1. Ideally, percentage of new teachers and percentage of teachers on emergency credentials would be incorporated into a teacher quality index.

Area 4: Retaining Effective Teachers

Goal A – Induction

The state should require effective induction for all new teachers, with special emphasis on teachers in high-needs schools.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should ensure that new teachers receive mentoring of sufficient frequency and duration, especially in the first critical weeks of school.
2. Mentors should be carefully selected based on evidence of their own classroom effectiveness and subject-matter expertise. Mentors should be trained, and their performance as mentors should be evaluated.
3. Induction programs should include only strategies that can be successfully implemented, even in a poorly managed school. Such strategies include intensive mentoring, seminars appropriate to grade level or subject area, a reduced teaching load and frequent release time to observe effective teachers.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 90

How States are Faring on Induction



Progress on this Goal Since 2009:

↑ : 4 ↔ : 44 ↓ : 3



State Meets Goal



Progress Since 2009

ANALYSIS

New Jersey requires that all of its new teachers receive mentoring. The state mandates that all new teachers participate in a mentoring program over a period of 30 weeks, or 34 weeks for alternate route teachers. New teachers must be assigned a mentor at the beginning of their contracted teaching assignments and alternate route teachers are required to participate in a 20-day mentoring experience at the beginning of these assignments. To be selected by local district administration, mentors must possess at least three years of teaching experience, be certified in a subject matter similar to that of the new teacher and complete comprehensive training courses. Observation of the new teacher in the classroom as well as release time are both recommended. There are evaluations to assess the effectiveness of the program. It is up to each district to determine compensation based on available funds.

Supporting Research

New Jersey Administrative Code 6A: 9-8.3; 8.4

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey was helpful in providing NCTQ with facts that enhanced this analysis.

Figure 91

Do states have policies that articulate the elements of effective induction?

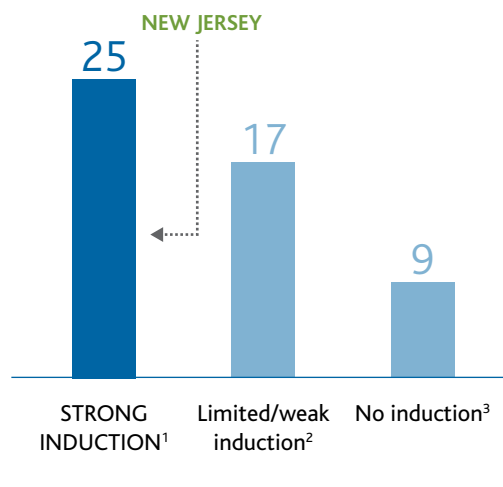
| | MENTORING FOR ALL NEW TEACHERS | MENTORING OF SUFFICIENT FREQUENCY AND DURATION | MENTORING PROVIDED AT THE BEGINNING OF THE SCHOOL YEAR | CAREFUL SELECTION OF MENTORS | MENTORS MUST BE TRAINED | MENTORS/PROGRAM MUST BE EVALUATED | MENTOR IS COMPENSATED | USE OF A VARIETY OF EFFECTIVE INDUCTION STRATEGIES |
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| | 30 | 18 | 9 | 17 | 28 | 12 | 21 | 17 |

★ EXAMPLES OF BEST PRACTICE

South Carolina requires that all new teachers, prior to the start of the school year, be assigned mentors for at least one year. Districts carefully select mentors based on experience and similar certifications and grade levels, and mentors undergo additional training. Adequate release time is mandated by the state so that mentors and new teachers may observe each other in the classroom, collaborate on effective teaching techniques and develop professional growth plans. Mentor evaluations are mandatory and stipends are recommended.

Figure 92

Do states have policies that articulate the elements of effective induction?



1. **Strong Practice:** Alabama, Arkansas, California, Colorado, Connecticut, Delaware, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Mississippi, Missouri, Nebraska, New Jersey, New York, North Carolina, Oklahoma, Rhode Island, South Carolina, Utah, Virginia, West Virginia

2. Alaska, Arizona, Florida, Idaho, Illinois, Minnesota, Montana, New Mexico, North Dakota, Ohio, Oregon, Pennsylvania, South Dakota, Tennessee, Texas, Washington, Wisconsin

3. District of Columbia, Georgia, Hawaii, Indiana, Louisiana, Nevada, New Hampshire, Vermont, Wyoming

Area 4: Retaining Effective Teachers

Goal B – Professional Development

The state should require professional development to be based on needs identified through teacher evaluations.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should require that evaluation systems provide teachers with feedback about their performance.
2. The state should direct districts to align professional development activities with findings from teachers' evaluations.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 93

How States are Faring on Professional Development



Progress on this Goal Since 2009:

New Goal



ANALYSIS

New Jersey requires that all tenured teachers have professional development plans. In addition, tenured teachers have annual summary conferences with their supervisors to review the annual written performance report, which includes areas of strength and areas needing improvement. The state does not specify that professional development activities must be aligned with findings from teacher evaluations.

Supporting Research

6A:32-4.4

RECOMMENDATION

■ **Ensure that professional development is aligned with findings from teachers' evaluations.**

Professional development that is not informed by evaluation results may be of little value to teachers' professional growth and aim of increasing their effectiveness in the classroom. While it appears that New Jersey's intent is to use the annual evaluation to inform teachers' professional development plans, the state could clarify this policy.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey was helpful in providing NCTQ with facts that enhanced this analysis. In addition, the state asserted that its policies link the development of the annual individual professional development plans with the summative evaluation conference at the end of the year. The plan is aligned to the teacher's summative evaluation feedback and specific district and school goals. The plan is monitored annually as part of the summative evaluation.

LAST WORD

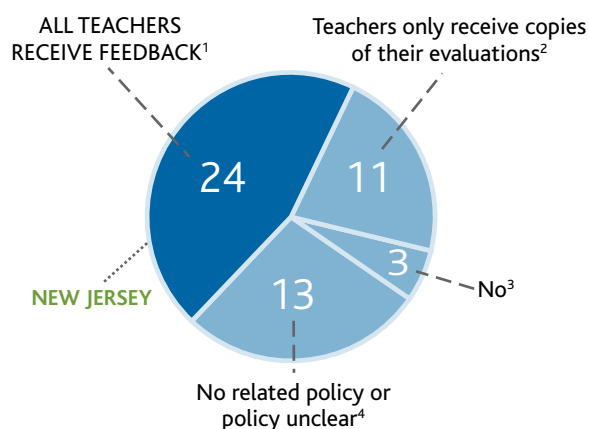
The state's current policy does require that an individual professional development plan be developed by the supervisor and the teaching staff member at the summative evaluation conference, but there is no specification that the ensuing professional development activities are to be informed by the results of the evaluation. While it may be the state's intent that professional development activities be aligned to evaluation results, the state is encouraged to clarify this policy.

★ EXAMPLES OF BEST PRACTICE

Ten states meet this goal, and although NCTQ has not singled out one state's policies for "best practice" honors, **Louisiana** is commended for clearly articulating that the feedback provided to a teacher in a post-observation conference must include a discussion of a teacher's strengths and weaknesses.

Figure 94

Do teachers receive feedback on their evaluations?



1. *Strong Practice*: Arkansas, Connecticut, Delaware, Georgia, Hawaii, Illinois, Kentucky, Louisiana, Massachusetts, Michigan, Mississippi, Missouri, New Jersey, New Mexico, New York, North Carolina, Oregon, Rhode Island, South Carolina, Tennessee, Texas, Washington, West Virginia, Wyoming

2. Alaska, Arizona, California, Colorado, Florida, Indiana, Kansas, Maryland, Nevada, Ohio, Oklahoma

3. Minnesota, Pennsylvania, Utah

4. Alabama, District of Columbia, Idaho, Iowa, Maine, Montana, Nebraska, New Hampshire, North Dakota, South Dakota, Vermont, Virginia, Wisconsin

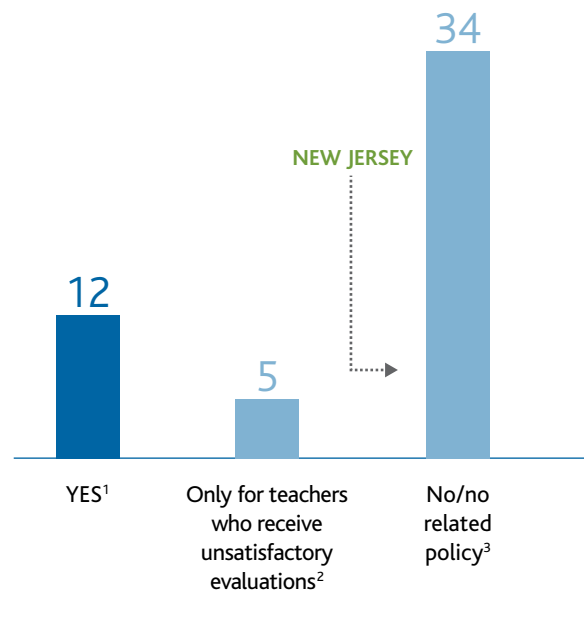
Figure 95

Do states ensure that evaluations are used to help teachers improve?

| | ALL TEACHERS RECEIVE FEEDBACK | EVALUATION INFORMS PROFESSIONAL DEVELOPMENT |
|----------------------|-------------------------------------|---|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> |
| Arkansas | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input type="checkbox"/> |
| Connecticut | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input type="checkbox"/> |
| Florida | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Georgia | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> |
| Illinois | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input type="checkbox"/> |
| Kentucky | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Louisiana | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input type="checkbox"/> |
| Maryland | <input type="checkbox"/> | <input type="checkbox"/> |
| Massachusetts | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Michigan | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Mississippi | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Missouri | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> |
| NEW JERSEY | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New Mexico | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New York | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Carolina | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 24 | 12 |

Figure 96

Do states require that teacher evaluations inform professional development?



1. **Strong Practice:** Arkansas, Connecticut, Delaware, Florida, Louisiana, Michigan, Minnesota, Missouri, North Carolina, Rhode Island, South Carolina, Wyoming

2. Colorado, Georgia, Illinois, Indiana, Texas

3. Alabama, Alaska, Arizona, California, District of Columbia, Hawaii, Idaho, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Mississippi⁴, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, South Dakota, Tennessee, Utah, Vermont, Virginia, Washington, West Virginia, Wisconsin

4. Mississippi requires professional development based on evaluation results only for teachers in need of improvement in school identified as at-risk.

Area 4: Retaining Effective Teachers

Goal C – Pay Scales

The state should give local districts authority over pay scales.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. While the state may find it appropriate to articulate teachers' starting salaries, it should not require districts to adhere to a state-dictated salary schedule that defines steps and lanes and sets minimum pay at each level.
2. The state should discourage districts from tying additional compensation to advanced degrees. The state should eliminate salary schedules that establish higher minimum salaries or other requirements to pay more to teachers with advanced degrees.
3. The state should discourage salary schedules that imply that teachers with the most experience are the most effective. The state should eliminate salary schedules that require that the highest steps on the pay scale be determined solely by seniority.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 97

How States are Faring in Pay Scales



Progress on this Goal Since 2009:

↑ : 3 ↔ : 48 ↓ : 0



State Partly Meets Goal



Progress Since 2009

ANALYSIS

New Jersey gives local districts the authority for pay scales, eliminating barriers such as state salary schedules and other regulations that control how districts pay teachers. The state mandates a minimum salary but allows districts to determine the remainder of the schedule.

Supporting Research

New Jersey Statutes 18A: 29-5

RECOMMENDATION

■ **Discourage districts from tying compensation to advanced degrees.**

While still leaving districts the flexibility to establish their own pay scale, New Jersey should articulate policies that definitively discourage districts from tying compensation to advanced degrees, in light of the extensive research showing that such degrees do not have an impact on teacher effectiveness.

■ **Discourage salary schedules that imply that teachers with the most experience are the most effective.**

Similarly, New Jersey should articulate policies that discourage districts from determining the highest steps on the pay scale solely by seniority.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis.

★ EXAMPLES OF BEST PRACTICE

Florida and **Indiana** allow local districts to develop their own salary schedules while preventing districts from focusing on elements not associated with teacher effectiveness. In Florida, local salary schedules must ensure that the most effective teachers receive salary increases greater than the highest annual salary adjustment available. Indiana requires local salary scales to be based on a combination of factors and limits the years of teacher experience and content-area degrees to account for no more than one-third of this calculation.

1. Colorado gives districts the option of a salary schedule, a performance pay policy or a combination of both.

2. Rhode Island requires that local district salary schedules are based on years of service, experience and training.

Figure 98

What role does the state play in deciding teacher pay rates?

| | Sets minimum salary schedule | Sets minimum salary | DISTRICTS SET SALARY SCHEDULE |
|---------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Alabama | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| California | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Colorado ¹ | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Florida | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Georgia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Illinois | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kentucky | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Louisiana | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Maryland | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Michigan | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Mississippi | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New York | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Carolina | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ohio | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oklahoma | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rhode Island ² | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Carolina | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Tennessee | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Washington | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 16 | 8 | 27 |

Figure 99

Do states discourage districts from basing teacher pay on advanced degrees?

| | REQUIRES PERFORMANCE TO COUNT MORE THAN ADVANCED DEGREES | Leaves pay to district discretion | Requires compensation for advanced degrees |
|----------------------|--|--|--|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| California | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Connecticut | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Delaware | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Florida | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Idaho | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Illinois | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Indiana | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Kentucky | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Louisiana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Maryland | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Massachusetts | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Michigan | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| New York | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input checked="" type="checkbox"/> ¹ | <input type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Texas | <input type="checkbox"/> | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 3 | 32 | 16 |

1. Rhode Island requires local district salary schedules to include teacher "training".

2. Texas has a minimum salary schedule based on years of experience. Compensation for advanced degrees is left to district discretion.

Area 4: Retaining Effective Teachers

Goal D – Compensation for Prior Work Experience

The state should encourage districts to provide compensation for related prior subject-area work experience.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should encourage districts to compensate new teachers with relevant prior work experience through mechanisms such as starting these teachers at an advanced step on the pay scale. Further, the state should not have regulatory language that blocks such strategies.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 100

How States are Faring in Compensation for Prior Work Experience



Progress on this Goal Since 2009:

↑ : 0 ↔ : 51 ↓ : 0



State Does Not Meet Goal



Progress Since 2009

ANALYSIS

New Jersey does not encourage local districts to provide compensation for related prior subject-area work experience. However, the state does not seem to have regulatory language blocking such strategies.

RECOMMENDATION

■ **Encourage local districts to compensate new teachers with relevant prior work experience.**

While still leaving districts with the flexibility to determine their own pay scales, New Jersey should encourage districts to incorporate mechanisms such as starting these teachers at a higher salary than other new teachers. Such policies would be attractive to career changers with related work experience, such as in the STEM subjects.

NEW JERSEY RESPONSE TO ANALYSIS

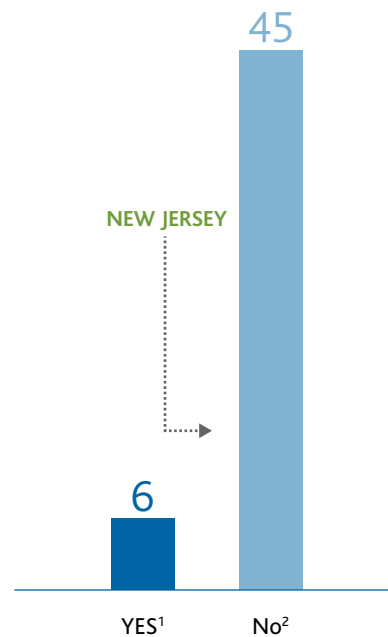
New Jersey recognized the factual accuracy of this analysis.

★ EXAMPLES OF BEST PRACTICE

North Carolina compensates new teachers with relevant prior-work experience by awarding them one year of experience credit for every year of full-time work after earning a bachelor's degree that is related to their area of licensure and work assignment. One year of credit is awarded for every two years of work experience completed prior to earning a bachelor's degree.

Figure 101

Do states direct districts to compensate teachers for related prior work experience?



1. **Strong Practice:** California, Delaware, Georgia, North Carolina, Texas, Washington

2. Alabama, Alaska, Arizona, Arkansas, Colorado, Connecticut, District of Columbia, Florida, Hawaii, Idaho, Illinois, Indiana, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Utah, Vermont, Virginia, West Virginia, Wisconsin, Wyoming

Area 4: Retaining Effective Teachers

Goal E – Differential Pay

The state should support differential pay for effective teaching in shortage and high-need areas.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should support differential pay for effective teaching in shortage subject areas.
2. The state should support differential pay for effective teaching in high-need schools.
3. The state should not have regulatory language that would block differential pay.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 102

How States are Faring on Differential Pay



Progress on this Goal Since 2009:

↑ : 2 ↔ : 45 ↓ : 4



State Does Not Meet Goal



Progress Since 2009

ANALYSIS

New Jersey neither supports differential pay by which a teacher can earn additional compensation by teaching certain subjects nor offers incentives to teach in high-needs schools. However, the state has no regulatory language that would directly block districts from providing differential pay.

The New Jersey Governor's plans for education reform including "granting schools and districts the flexibility to reward excellence in the classroom and to attract high-quality teachers to low-performing schools or hard-to-fill positions."

Supporting Research

The Christie Reform Agenda: Putting New Jersey's Children First By Challenging the System

<http://www.state.nj.us/education/reform/>

RECOMMENDATION

- **Support differential pay initiatives for effective teachers in both subject shortage areas and high-needs schools.**

New Jersey should encourage districts to link compensation to district needs. Such policies can help districts achieve a more equitable distribution of teachers.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis.

Figure 103

Do states provide incentives to teach in high-need schools or shortage subject areas?

| | HIGH NEED SCHOOLS | | SHORTAGE SUBJECT AREAS | | No support |
|---------------------------|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------------------------------|
| | DIFFERENTIAL PAY | Loan Forgiveness | DIFFERENTIAL PAY | Loan Forgiveness | |
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| California | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Connecticut ¹ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Delaware | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Florida | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Georgia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Illinois | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kentucky | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Louisiana | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland ² | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Massachusetts | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Michigan | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Nevada | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New York | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ohio | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oklahoma | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| South Dakota ³ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ⁴ | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 21 | 7 | 17 | 11 | 17 |

1. Connecticut offers mortgage assistance and incentives to retired teachers working in shortage subject areas.

2. Maryland offers tuition reimbursement for teacher retraining in specified shortage subject areas and offers a stipend for alternate route candidates teaching in shortage subject areas.

3. South Dakota offers signing bonuses and scholarships to fill shortages in high-need schools.

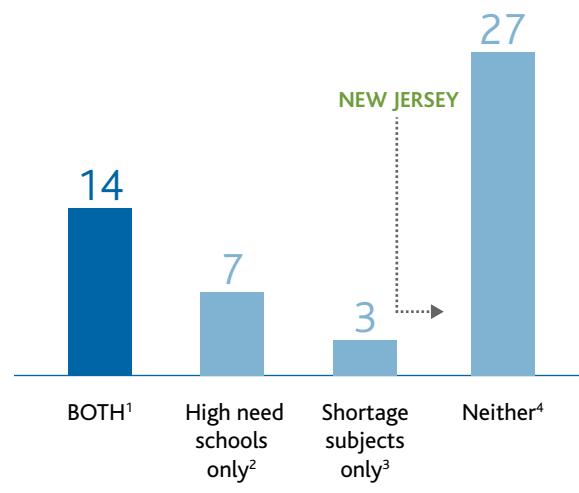
4. Shortage subject area differential pay is limited to the Middle School Teacher Corps program.

★ EXAMPLES OF BEST PRACTICE

Georgia supports differential pay by which teachers can earn additional compensation by teaching certain subjects. The state is especially commended for its new compensation strategy for math and science teachers, which moves teachers along the salary schedule rather than just providing a bonus or stipend. The state also supports differential pay initiatives to link compensation more closely with district needs and to achieve a more equitable distribution of teachers. Georgia's efforts to provide incentives for National Board Certification teachers to work in high-need schools are also noteworthy.

Figure 104

Do states support differential pay for teaching in high need schools and shortage subjects?



1. **Strong Practice:** Arkansas, California, Florida, Georgia, Kentucky, Louisiana, Massachusetts, Nevada, New York, Ohio, Oklahoma, Tennessee, Texas, Virginia

2. Colorado, Hawaii, Maryland, North Carolina, Washington, Wisconsin, Wyoming

3. Idaho, Pennsylvania, Utah

4. Alabama, Alaska, Arizona, Connecticut, Delaware, District of Columbia, Illinois, Indiana, Iowa, Kansas, Maine, Michigan, Minnesota, Mississippi, Missouri, Montana, Nebraska, New Hampshire, New Jersey, New Mexico, North Dakota, Oregon, Rhode Island, South Carolina, South Dakota, Vermont, West Virginia

Area 4: Retaining Effective Teachers

Goal F – Performance Pay

The state should support performance pay but in a manner that recognizes its appropriate uses and limitations.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should support performance pay efforts, rewarding teachers for their effectiveness in the classroom.
2. The state should allow districts flexibility to define the criteria for performance pay provided that such criteria connect to evidence of student achievement.
3. Any performance pay plan should allow for the participation of all teachers, not just those in tested subjects and grades.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 105

How States are Faring on Performance Pay



Progress on this Goal Since 2009:

↑ : 11 ↔ : 37 ↓ : 3



State Does Not Meet Goal



Progress Since 2009

ANALYSIS

New Jersey does not support performance pay. The state does not have any policies in place that offer teachers additional compensation based on effectiveness.

The New Jersey Governor's plans for education reform include rewarding teachers for excellent achievement in the classrooms.

Supporting Research

The Year of Education Reform

<http://www.state.nj.us/governor/news/news/552011/approved/20110407a.html>

RECOMMENDATION

■ **Support a performance pay plan that recognizes teachers for their effectiveness.**

Whether it implements the plan at the state or local level, New Jersey should ensure that performance pay structures thoughtfully measure classroom performance and connect student achievement to teacher effectiveness. The plan must be developed with careful consideration of available data and subsequent issues of fairness.

■ **Consider piloting performance pay in a select number of school districts.**

This would provide an opportunity to discover and correct any limitations in available data or methodology before implementing the plan on a wider scale.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis.

★ EXAMPLES OF BEST PRACTICE

An increasing number of states are supporting performance pay initiatives. **Florida** and **Indiana** are particularly noteworthy for their efforts to build performance into the salary schedule. Rather than award bonuses, teachers' salaries will be based in part on their performance in the classroom.

Figure 106

Do states support performance pay?

| | PERFORMANCE FACTORED INTO SALARY FOR ALL TEACHERS | PERFORMANCE BONUSES AVAILABLE TO ALL TEACHERS | Performance pay permitted / encouraged by the state | State-sponsored performance pay initiatives offered in select districts | Does not support performance pay |
|-----------------------|---|---|---|---|-------------------------------------|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Florida | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Nebraska ¹ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New York | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Washington | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 3 | 4 | 12 | 5 | 27 |

1. Nebraska's initiative does not go into effect until 2016.

Area 4: Retaining Effective Teachers

Goal G – Pension Flexibility

The state should ensure that pension systems are portable, flexible and fair to all teachers.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. Participants in the state's pension system should have the option of a fully portable pension system as their primary pension plan by means of a defined contribution plan or a defined benefit plan that is formatted similar to a cash balance plan.
2. Participants in the state's pension system should be vested no later than the third year of employment.
3. Defined benefit plans should offer teachers the option of a lump-sum rollover to a personal retirement account upon termination of employment that includes, at minimum, the teacher's contributions and accrued interest at a fair interest rate. In addition, withdrawal options from either defined benefit or defined contribution plans should include funds contributed by the employer.
4. Defined benefit plans should allow teachers to purchase time for unlimited previous teaching experience at the time of employment. Teachers should also be allowed to purchase time for all official leaves of absence, such as maternity or paternity leave.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 107

How States are Faring on Pension Flexibility



Progress on this Goal Since 2009:

↑ : 2 ↔ : 39 ↓ : 10

**ANALYSIS**

New Jersey only offers a defined benefit pension plan to its teachers as their mandatory pension plan. This plan is not fully portable, does not vest until year 10, and does not provide any employer contribution for teachers who choose to withdraw their account balances when leaving the system. It also limits flexibility by restricting the ability to purchase years of service. However, the state is commended for offering a fully portable supplemental savings plan.

Teachers in New Jersey also participate in Social Security, so they must contribute to the state's defined benefit plan in addition to Social Security. Although retirement savings in addition to Social Security are good and necessary for most individuals, the state's policy results in mandated contributions to two inflexible plans, rather than permitting teachers options for their state-provided savings plans.

Vesting in a defined benefit plan guarantees a teacher's eligibility to receive lifetime monthly benefit payments at retirement age. Nonvested teachers do not have a right to later retirement benefits; they may only withdraw the portion of their funds allowed by the plan. New Jersey's vesting at 10 years of service is very late and limits the options of teachers who leave the system prior to this point.

Many teachers will leave the system before they reach 10 years of service. Teachers in New Jersey with less than three years of service who choose to withdraw their employee contributions upon leaving only receive their own contributions. Teachers with at least three years of service receive their employee contributions plus interest. This means that those who withdraw their funds accrue fewer benefits or at least no benefits beyond what they might have earned had they simply put their contributions in basic savings accounts. Further, teachers who remain in the field of education but enter another pension plan (such as in another state) will find it difficult to purchase the time equivalent to their prior employment in the new system because they are not entitled to any employer contribution.

New Jersey limits teachers' flexibility to purchase years of service. The ability to purchase time is important because defined benefit plans' retirement eligibility and benefit payments are often tied to the number of years a teacher has worked. New Jersey's plan allows teachers to purchase time for previous teaching experience, up to 10 years. In addition, the amount of years purchased may not be used to qualify for any state or employer health benefits. While better than not allowing any purchase at all, this provision disadvantages teachers who move to New Jersey with more teaching experience. The state's plan also allows teachers to purchase up to two years of service for personal illness, and maternity leave is considered personal illness; however, teachers on maternity leave wanting to purchase more than three months must submit a doctor's note that the mother was disabled due to pregnancy. Teachers may also purchase up to three months for personal reasons. This is a disadvantage to any teacher who needs to take more than three months of a leave for paternity or maternity care, or for other personal reasons.

The state is commended for offering a fully portable supplemental savings plan known as the Supplemental Annuity Collective Trust (SACT). SACT has two plans, one made with after-tax contributions and another 403(b) plan funded with pre-tax contributions.

Supporting Research

State of New Jersey Teachers' Pension and Annuity Fund, Member Handbook

<http://www.nj.gov/treasury/pensions/epbam/exhibits/handbook/tpafbook.pdf>

RECOMMENDATION

■ Offer teachers a pension plan that is fully portable, flexible and fair.

New Jersey should offer teachers for their mandatory pension plan the option of either a defined contribution plan or a fully portable defined benefit plan, such as a cash balance plan. A well-structured defined benefit plan could be a suitable option among multiple plans. However, as the sole option, defined benefit plans severely disadvantage mobile teachers and those who enter the profession later in life. Because teachers in New Jersey participate in Social Security, they are required to contribute to two defined benefit-style plans.

■ Increase the portability of its defined benefit plan.

If New Jersey maintains its defined benefit plan, it should allow all teachers that leave the system to withdraw interest and employer contributions. The state should also allow teachers to purchase their full amount of previous teaching experience, at least one year per approved leave of absence, and decrease the vesting requirement to year three. A lack of portability is a disincentive to an increasingly mobile teaching force.

■ Offer an employer contribution to the supplemental retirement savings plan.

While New Jersey at least offers teachers the option of a supplemental defined contribution savings plan, this option would be more meaningful if the state required employers also to contribute.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis. The state further noted that certain teachers may qualify for participation in the Defined Contribution Retirement Program (DCRP). Individuals eligible for membership in the DCRP include: employees enrolled in the Teachers' Pension and Annuity Fund (TPAF) on or after July 1, 2007, who earn salary in excess of established "maximum compensation" limits (salary in excess of the annual maximum wage for Social Security), employees otherwise eligible to enroll in TPAF on or after November 2, 2008, who do not earn the minimum annual salary for the Public Employees' Retirement System or TPAF Tier 3 enrollment (\$7,700 in 2011, subject to adjustment in future years) but who earn salary of at least \$5,000 annually; and employees otherwise eligible to enroll in TPAF after May 21, 2010, who do not work the minimum number of hours per week required for TPAF Tier 4 enrollment (35 hours per week for state employees or 32 hours per week for local education employees) but who earn salary of at least \$5,000 annually.

Supporting Research

Chapter 92, P.L. 2007, Chapter 103, P.L. 2007, Chapter 89, P.L. 2008 and Chapter 1, P.L. 2010

NEW JERSEY RESPONSE TO ANALYSIS

The analysis covers the policy for newly hired full-time teachers, as this policy reflects the state's current policy as it moves forward. New Jersey should extend the option of its defined contribution plan to its full-time teachers.

Figure 108
Pension Glossary

Accrued Liability: The value of a pension plan's promised benefits calculated by an actuary (actuarial valuation), taking into account a set of investment and benefit assumptions to a certain date.

Actuarial Valuation: In a pension plan, this is the total amount needed to meet promised benefits. A set of mathematical procedures is used to calculate the value of benefits to be paid, the funds available and the annual contribution required.

Amortization Period: The gradual elimination of a liability, such as a mortgage, in regular payments over a specified period of time.

Benefit Formula: Formula used to calculate the amount teachers will receive each month after retirement. The most common formula used is (years of service x final average salary x benefit multiplier). This amount is divided by 12 to calculate monthly benefits.

Benefit Multiplier: Multiplier used in the benefit formula. It, along with years of service, determines the total percentage of final average salary that a teacher will receive in retirement benefits. In some plans, the multiplier is not constant, but changes depending upon retirement age and/or years of service.

Defined Benefit Plan: Pension plan that promises to pay a specified amount to each person who retires after a set number of years of service. Employees contribute to them in some cases; in others, all contributions are made by the employer.

Defined Contribution Plan: Pension plan in which the level of contributions is fixed at a certain level, while benefits vary depending on the return from investments. Employees make contributions into a tax-deferred account, and employers may or may not make contributions. Defined contribution pension plans, unlike defined benefit pension plans, give the employee options of where to invest the account, usually among stock, bond and money market accounts.

Lump-sum Withdrawal: Large payment of money received at one time instead of in periodic payments. Teachers leaving a pension plan may receive a lump-sum distribution of the value of their pension.

Normal Cost: The amount necessary to fund retirement benefits for one plan year for an individual or a whole pension plan.

Pension Wealth: The net present value of a teacher's expected lifetime retirement benefits.

Purchasing Time: A teacher may make additional contributions to a pension system to increase service credit. Time may be purchased for a number of reasons, such as professional development leave, previous out-of-state teaching experience, medical leaves of absence or military service.

Service Credit/Years of Service: Accumulated period of time in years or partial years for which a teacher earned compensation subject to contributions.

Supplemental Retirement Plan: An optional plan to which teachers may voluntarily make tax-deferred contributions in addition to their mandatory pension plans. Employees are usually able to choose their rate of contribution up to a maximum set by the IRS; some employers also make contributions. These plans are generally in the form of 457 or 403(b) programs.

Vesting: Right an employee gradually acquires by length of service to receive employer-contributed benefits, such as payments from a pension fund.

Sources: Barron's Dictionary of Finance and Investment Terms, Seventh Edition; California State Teachers' Retirement System <http://www.calstrs.com/Members/Defined%20Benefit%20Program/glossary.aspx>; Economic Research Institute, <http://www.eridlc.com/resources/index.cfm?fuseaction=resource.glossary>

Figure 109

What type of pension systems do states offer teachers?

| | Defined benefit plan only | Defined benefit plan with defined contribution supplemental plan | Hybrid plan ¹ | CHOICE OF DEFINED BENEFIT OR DEFINED CONTRIBUTION PLAN | DEFINED CONTRIBUTION PLAN ONLY |
|-----------------------------|-------------------------------------|--|-------------------------------------|--|-------------------------------------|
| Alabama | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| California ² | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Montana | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| New Hampshire | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Mexico | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New York | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| North Dakota | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ohio ⁴ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oregon ⁵ | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Carolina ⁶ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Utah ⁷ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington ⁸ | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 25 | 17 | 4 | 4 | 1 |



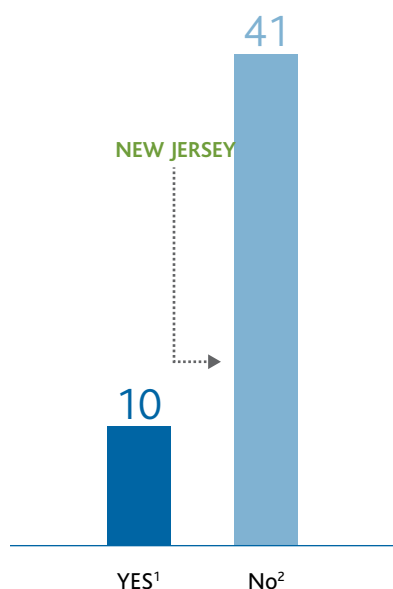
EXAMPLES OF BEST PRACTICE

Alaska provides a fair and flexible defined contribution pension plan for all teachers. This plan is also highly portable, as teachers are entitled to 100 percent of employer contributions after five years of service. **South Dakota's** defined benefit plan has some creative provisions, which makes it more like a defined contribution plan. Most notably, teachers are able to withdraw 85 percent of their employer contributions after three years of service. In addition, **Florida, Ohio, South Carolina** and **Utah** are noteworthy for offering teachers a choice between a defined benefit or hybrid plan and a defined contribution plan.

1. A hybrid plan has components of both a defined benefit plan and a defined contribution plan.
2. California offers a small cash balance component but ended most of the funding to this portion as of January 1, 2011.
3. Indiana also offers a supplemental defined contribution plan.
4. Ohio also offers the option of a hybrid plan and offers a supplemental defined contribution plan.
5. Oregon also offers a supplemental defined contribution plan.
6. South Carolina also offers a supplemental defined contribution plan.
7. Utah offers a choice between a defined contribution or a hybrid plan.
8. Washington offers a choice between a defined benefit or a hybrid plan.

Figure 110

Do states offer teachers an option other than a nonportable defined benefit plan?



1. **Strong Practice:** Alaska, Florida, Indiana, Michigan, Ohio, Oregon, South Carolina, South Dakota, Utah, Washington

2. Alabama, Arizona, Arkansas, California, Colorado³, Connecticut, Delaware, District of Columbia, Georgia, Hawaii³, Idaho, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Oklahoma, Pennsylvania, Rhode Island, Tennessee, Texas, Vermont, Virginia, West Virginia, Wisconsin, Wyoming

3. Although not fully portable, the state's defined benefit plan has some notable portability provisions.

Figure 111

- For teachers who join the system on or after January 1, 2012.
- Florida's defined benefit plan does not vest until year eight; teachers vest in the state's defined contribution plan after one year.
- For teachers who join the system on or after July 1, 2012.
- Ohio's defined benefit plan does not vest until year five; teachers vest in the state's defined contribution plan after one year.
- Oregon offers a hybrid plan in which teachers vest immediately in the defined contribution component and vest in the defined benefit component after five years.
- South Carolina's defined benefit plan does not vest until year five; teachers vest immediately in the state's defined contribution plan.
- Based on Washington's Plan 2. The state also offers a hybrid plan in which teachers vest immediately in the defined contribution component and vest in the defined benefit component after 10 years.

Figure 111

How many years before teachers vest?

| | 3 YEARS OR LESS | 4 to 5 years | 6 to 9 years | 10 years |
|-----------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| California | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Connecticut | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware ¹ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Florida ² | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hawaii ³ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Illinois | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Iowa ³ | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Kentucky | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Louisiana | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Maryland | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Michigan | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Missouri | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New York | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ohio ⁴ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oregon ⁵ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| South Carolina ⁶ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Utah | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington ⁷ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 3 | 29 | 3 | 16 |

Figure 112

What funds do states permit teachers to withdraw from their defined benefit plans if they leave after five years?¹

| | Less than their own contribution | Only their own contribution | Their own contribution plus interest | Their own contribution and part of the employer contribution plus interest | THEIR OWN CONTRIBUTION AND FULL EMPLOYER CONTRIBUTION PLUS INTEREST |
|-----------------------------|-------------------------------------|-------------------------------------|--------------------------------------|--|---|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska ² | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| California ³ | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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| Delaware | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Florida | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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| Illinois | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Iowa ⁴ | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Michigan ⁵ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Nevada ⁶ | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Carolina ⁹ | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| Texas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Utah ¹⁰ | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington ¹¹ | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 4 | 5 | 34 | 6 | 1 |

1. States' withdrawal policies may vary depending on a teacher's years of service. Year five is used as a common point of comparison.

2. As of July 1, 2006, Alaska only offers a defined contribution plan to new members, which allows teachers leaving the system after five years to withdraw 100 percent of the employer contribution.

3. California has a defined benefit plan with a small cash balance component, which allows exiting teachers to withdraw their contributions and any employer contributions plus earnings from their cash balance component, regardless of their actions regarding their defined benefit account.

4. Once vested, Iowa teachers may withdraw an employer match equal to one-thirtieth of their years of service. Effective July 1, 2012 teachers vest at seven years of service, so a teacher leaving at year five would not be entitled to any employer contribution.

5. Michigan only offers a hybrid plan. Exiting teachers may withdraw their own contributions and accrued earnings immediately and the employer contributions to the defined contribution component once vested at year four. Michigan teachers may withdraw their own contributions and accrued interest from the defined benefit component but may not withdraw the employer contribution.

6. Most teachers in Nevada fund the system by salary reductions or forgoing pay raises and thus do not have direct contributions to withdraw. The small minority that are in a contributory system may withdraw their contributions plus interest.

7. Ohio has two other pension plans. Ohio's defined contribution plan allows teachers with at least one year of service who are leaving the system to withdraw 100 percent of the employer contribution. Exiting teachers with at least five years of experience in Ohio's combination plan may withdraw their employee-funded defined contribution component and the present value of the benefits offered in the defined benefit component.

8. Oregon only has a hybrid retirement plan, which allows exiting teachers to withdraw their contributions plus earnings from their defined contribution component; they still receive the employer-funded defined benefit payments at retirement age.

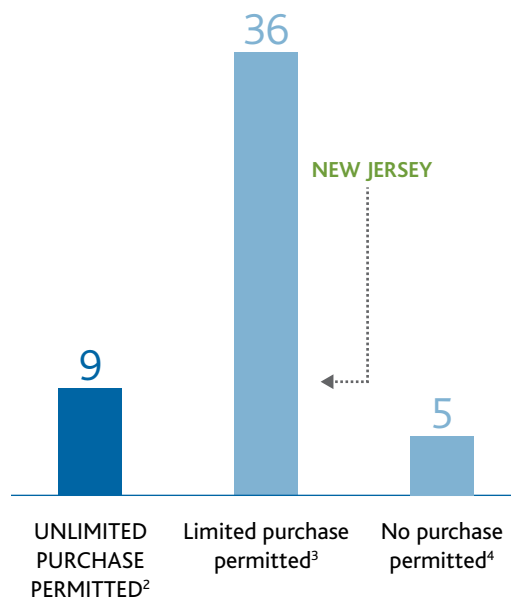
9. South Carolina also has a defined contribution plan, which allows exiting teachers to withdraw 100 percent of their contributions and employer contributions, plus earnings.

10. Utah offers a hybrid pension plan, which only has employee contributions when the costs exceed the guaranteed employer contribution. When costs are less than the employer contribution, the excess is contributed to the employee account and refundable after vesting.

11. Washington also has a hybrid plan, which allows exiting teachers to withdraw their contributions plus earnings from their defined contribution component; they still receive the employer-funded defined benefit payments at retirement age.

Figure 113

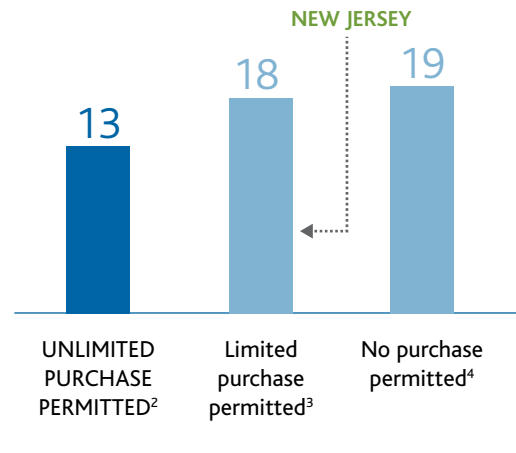
Do states permit teachers to purchase time for previous teaching experience?¹



1. Purchasing time does not apply to defined contribution plans. In states that offer multiple plans or a hybrid plan, the graph refers to the state's defined benefit plan or the defined benefit component of its hybrid plan. Alaska only offers a defined contribution plan and is not included.
2. **Strong Practice:** California, Iowa, Kansas, Louisiana, New Hampshire, North Dakota, South Carolina, South Dakota, Utah
3. Alabama, Arizona, Arkansas, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Idaho, Illinois, Indiana, Kentucky, Maine, Maryland, Massachusetts, Mississippi, Missouri, Montana, Nebraska, Nevada, New Jersey, New Mexico, North Carolina, Ohio, Oklahoma, Pennsylvania, Rhode Island, Tennessee, Texas, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming
4. Hawaii, Michigan, Minnesota, New York, Oregon

Figure 114

Do states permit teachers to purchase time for leaves of absence?¹



1. Purchasing time does not apply to defined contribution plans. In states that offer multiple plans or a hybrid plan, the graph refers to the state's defined benefit plan or the defined benefit component of its hybrid plan. Alaska only offers a defined contribution plan and is not included.
2. **Strong Practice:** Alabama, California, Delaware, Illinois, Iowa, Maryland, Minnesota, Missouri, Nebraska, North Dakota, Ohio, South Carolina, South Dakota
3. Arizona, Connecticut, District of Columbia, Florida, Idaho, Indiana, Kentucky, Louisiana, Massachusetts, Montana, New Jersey, North Carolina, Oklahoma, Rhode Island, Vermont, Virginia, Washington, Wyoming
4. Arkansas, Colorado, Georgia, Hawaii, Kansas, Maine, Michigan, Mississippi, Nevada, New Hampshire, New Mexico, New York, Oregon, Pennsylvania, Tennessee, Texas, Utah, West Virginia, Wisconsin

Area 4: Retaining Effective Teachers

Goal H – Pension Sustainability

The state should ensure that excessive resources are not committed to funding teachers' pension systems.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should ensure that its pension system is financially sustainable, without excessive unfunded liabilities or an inappropriately long amortization period.
2. Mandatory employer and employee contribution rates should not be unreasonably high, as they reduce teachers' paychecks and commit district resources that could otherwise be spent on salaries or incentives.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 115

How States are Faring on Pension Sustainability



Progress on this Goal Since 2009:

↑ : 2 ↔ : 20 ↓ : 29



State Meets a Small Part of Goal



Progress Since 2009

ANALYSIS

As of June 30, 2010, the most recent date for which an actuarial valuation is available, New Jersey's pension system for teachers is 57.6 percent funded and has an amortization period of over 30 years. This means that if the plan earns its assumed rate of return and maintains current contribution rates, it would take the state over 30 years to pay off its unfunded liabilities. Neither the state's funding ratio nor its amortization period meets conventional standards, and the state's system is not financially sustainable according to actuarial benchmarks.

However, New Jersey does not commit excessive resources toward its teachers' retirement system. In fact, the employer and state contributions are excessively low. The most recent total employer contribution was only 1.85 percent of the actuarially determined annual required contribution. Statute effective May 21, 2010, requires the state to make its full pension contribution, defined as one-seventh of the required amount, beginning in fiscal year 2012. The mandatory employee contribution rate of 6.5 percent is reasonable. Over the next seven years, the employee rate is set to increase to 7.5, which is still reasonable, but close to excessive in light of the fact that teachers must also contribute 6.2 percent to Social Security.

Supporting Research

State of New Jersey Teachers' Pension and Annuity Fund, Financial Statements and Schedules, June 30, 2010 and 2009
<http://www.state.nj.us/treasury/pensions/audit-rpts-2010/tpaf-10.pdf>

RECOMMENDATION

■ Ensure that the pension system is financially sustainable.

The state would be better off if its system was over 95 percent funded and had an amortization period of 30 years or less to allow more protection during financial downturns. Further, New Jersey needs to make the required contributions to its pension system.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey was helpful in providing NCTQ with facts that enhanced this analysis. The state contended that the actual method used to amortize the plan's unfunded actuarial accrued liability utilizes an open-ended amortization period not to exceed 30 years, with each payment expressed as a level percent of pay.

New Jersey further noted as a result of recently enacted pension and health benefit reform legislation (Chapter 78), the July 1, 2010 TPAF actuarial report is in the process of being revised to incorporate Chapter 78's new provisions, which includes a change in the methodology for amortizing the plan's unfunded actuarial accrued liability (UAAL). The UAAL will be amortized for each plan over an open-ended 30 year period and paid in level dollars. Beginning with the July 1, 2019 actuarial valuation, the UAAL will be amortized over a closed 30 year period until the remaining period reaches 20 years, when the amortization period will revert to an open-ended 20 year period. Chapter 78's change is also anticipated to increase the plan's reported funded level. The revised report will be posted to the Division of Pensions and Benefits website once completed and approved by the TPAF Board of Trustees.

The state added that Chapter 78, which became effective on June 28, 2011, included increasing employee contributions, suspending automatic cost-of-living adjustments, altering plan designs and modifications to the method used to amortize the plans' UAAL. The fundamental reforms were designed to secure the long-term solvency of the pension systems, while at the same time, provide critical savings to state and local governments. The changes are projected to meet these objectives by attaining an aggregate funded level of 88 percent after 30 years, while decreasing state and local employer pension costs by \$120 billion over this period.

Supporting Research

Teachers' Pension and Annuity Fund of New Jersey June 30, 2010 Actuarial Report

<http://www.state.nj.us/treasury/pensions/actuarial-rpts.shtml>

P.L. 2011, c.78

LAST WORD

The method used to calculate the fund's unfunded liability does use a 30-year amortization period; however, New Jersey is not making its necessary annual required contributions to meet the 30-year period. In fact, as discussed in the analysis, its contributions are far below the actuarially-determined amount. The new accounting method does decrease the required annual contribution, but does not change the fact that New Jersey is not currently making it. Further changes included in the new legislation are reviewed in Goals 4-G and 4-I.

Figure 116

Do state pension systems meet standard benchmarks for financial health?

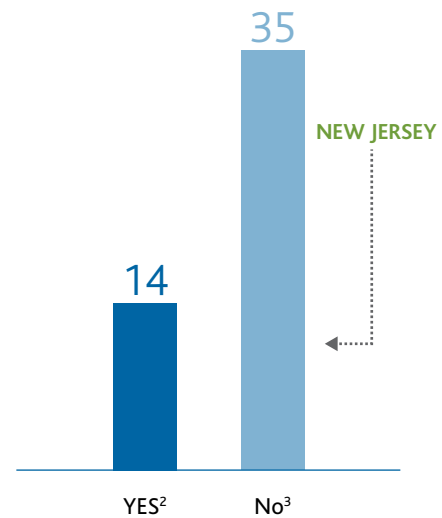
| | AT LEAST 80 PERCENT FUNDED | MAXIMUM 30 YEAR AMORTIZATION PERIOD |
|-----------------------|-------------------------------------|---------------------------------------|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input type="checkbox"/> |
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| Delaware | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Georgia | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> |
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| Illinois | <input type="checkbox"/> | <input type="checkbox"/> |
| Indiana | <input type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input type="checkbox"/> |
| Kentucky | <input type="checkbox"/> | <input type="checkbox"/> ¹ |
| Louisiana | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Texas | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Utah ³ | <input type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| West Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wisconsin | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 16 | 26 |

★ EXAMPLES OF BEST PRACTICE

South Dakota, Tennessee and **Wisconsin** provide financially sustainable pension systems without committing excessive resources. The systems in these states are fully funded without requiring excessive contributions from teachers or school districts.

Figure 117

Are state pension systems financially sustainable?¹



1. Cannot be determined for Michigan or Utah, which recently opened new systems.

2. **Strong Practice:** Alaska, Delaware, District of Columbia, Florida, Georgia, Indiana⁴, Nebraska, New York, North Carolina, Oregon, South Dakota, Tennessee, Washington, Wisconsin

3. Alabama, Arizona, Arkansas, California, Colorado, Connecticut, Hawaii, Idaho, Illinois, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, Montana, Nevada, New Hampshire, New Jersey, New Mexico, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Carolina, Texas, Vermont, Virginia, West Virginia, Wyoming

4. Based on Indiana's current plan only.

Figure 116

1. The amortization period is set to be under 30 years; however, the amortization period is not determined because the state is not meeting its annual required contribution.

2. Michigan opened a new system in July 2010.

3. Utah opened a new system in July 2011.

Figure 118

Real Rate of Return

The pension system funding levels reported here are based on each state's individual actuarial valuation, which use a series of varying assumptions. One of these assumptions concerns rate of return, which greatly affects a system's funding level. If investment returns fall short of assumptions, the fund will have a deficit; if returns are greater than expected, the fund will have a surplus. Higher assumed rates involve more risk, while rates closer to inflation (typically in the 3-5 percent range) are safer.

Most state pension funds assume a rate between 7.5 percent and 8.25 percent. A state using a 7.5 percent rate will report a lower funding level than if it had used 8.25 percent, even though its liabilities remain the same. Many states report that they do meet or exceed an eight percent rate of return over the life of the plan.

However, some economists argue that states' assumed rates of return are too high, and should instead be closer to four percent. They caution that the risk associated with states' higher rates is borne by taxpayers, with the result that tax rates rise to fund pension deficits. A rate closer to four percent would make the vast majority of the nation's pension systems less than 50 percent funded. In light of the current market situation, the debate over the rate of return is particularly timely. With no current consensus by experts or policymakers, NCTQ used states' self-reported numbers rather than recalculate all funding levels based on a standard rate of return. Considering how many states' systems NCTQ found in questionable financial health without using the lower rates some economists prefer, it is clear this is an issue that demands policymakers' attention.

Figure 119

How well funded are state pension systems?

| | Funding Level |
|----------------------|---------------|
| Alaska ¹ | N/A |
| District of Columbia | 118.3% |
| Washington | 116% |
| New York | 103.2% |
| Wisconsin | 99.8% |
| South Dakota | 96.3% |
| Delaware | 96% |
| North Carolina | 95.9% |
| Indiana ² | 94.7% |
| Tennessee | 90.6% |
| Wyoming | 87.5% |
| Georgia | 87.2% |
| Florida | 86.6% |
| Utah | 85.7% |
| Oregon | 83.2% |
| Texas | 82.9% |
| Nebraska | 82.4% |
| Iowa | 80.8% |
| Virginia | 80.2% |
| Arizona | 79% |
| Idaho | 78.9% |
| Michigan | 78.9% |
| Minnesota | 78.5% |
| California | 78% |
| Missouri | 77.7% |
| Pennsylvania | 75.1% |
| Alabama | 74.7% |
| Arkansas | 73.8% |
| Nevada | 71.2% |
| North Dakota | 69.8% |
| South Carolina | 67.8% |
| Vermont | 66.5% |
| Maine | 65.9% |
| New Mexico | 65.7% |
| Maryland | 65.4% |
| Montana | 65.4% |
| Colorado | 64.8% |
| Mississippi | 64.2% |
| Massachusetts | 63% |
| Connecticut | 61.4% |
| Hawaii | 61.4% |
| Kentucky | 61% |
| Ohio | 59.1% |
| New Hampshire | 58.5% |
| NEW JERSEY | 57.6% |
| Oklahoma | 56.7% |
| Kansas | 56% |
| Louisiana | 54.4% |
| Illinois | 48.4% |
| Rhode Island | 48.4% |
| West Virginia | 46.5% |

Figure 119

1. Alaska has only a defined contribution pension system.

2. Indiana's current plan is 94.7 percent funded. However, when the current plan is combined with its closed plan, the funding level drops to 44.3 percent.

Figure 120

What is a reasonable rate for pension contributions?

- 4-7 percent each for teachers and districts in states participating in Social Security
- 10-13 percent each for teachers and districts in states not participating in Social Security

Analysts generally agree that workers in their 20's with no previous retirement savings should save, in addition to Social Security contributions, about 10-15 percent of their gross income in order to be able to live during retirement on 80 percent of the salary they were earning when they retired. While the recommended savings rate varies with age and existing retirement savings, NCTQ has used this 10-15 percent benchmark as a reasonable rate for its analyses. To achieve a total savings of 10-15 percent, teacher and employer contributions should each be in the range of 4-7 percent. In states where teachers do not participate in Social Security, the total recommended retirement savings (teacher plus employer contributions) is about 12 percent higher to compensate for the fact that these teachers will not have Social Security income when they retire. In order to achieve the appropriate level of total savings, teacher and employer contributions in these states should each be in the range of 10-13 percent.

Sources:

http://www.schwab.com/public/schwab/resource_center/expert_insight/retirement_strategies/planning/how_much_should_you_save_for_retirement_play_the_percentages.html
<https://personal.vanguard.com/us/insights/retirement/saving/set-retirement-goals>

Figure 121

1. The employer contribution rate includes the contributions of both school districts and state governments, where appropriate.
2. The contribution rate is set to increase in future years. Some school districts in Georgia do not contribute to Social Security.
3. The contribution rate is set to increase in future years.
4. Michigan opened a new system in July 2010 and employer contributions are not yet reported.
5. New Jersey reports its contributions as a flat dollar amount, and a percentage could not be calculated.
6. The contribution rate is set to increase in future years. Most, but not all, school districts in Rhode Island contribute to Social Security.
7. The contribution rate is set to decrease in 2012.

Figure 121

What are the current employer¹ contribution rates to state pension systems?

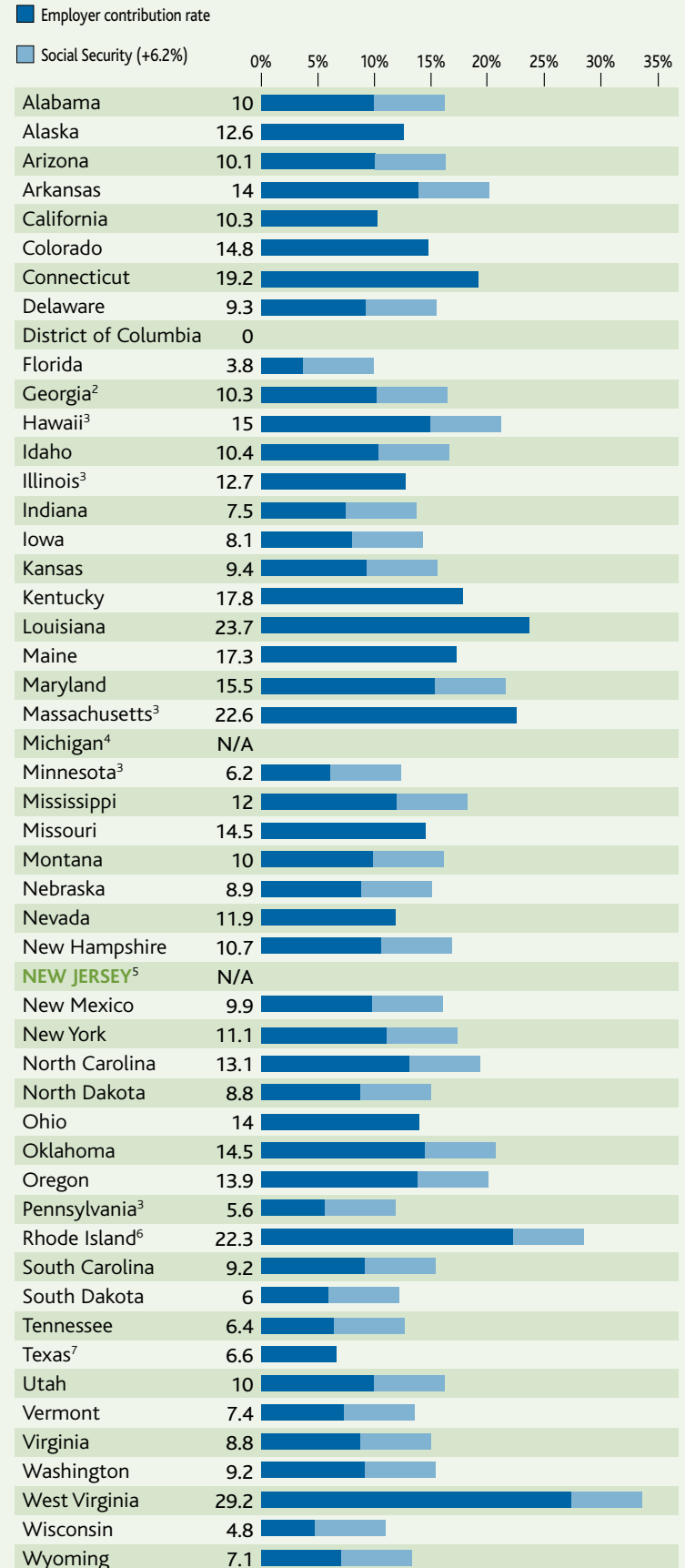
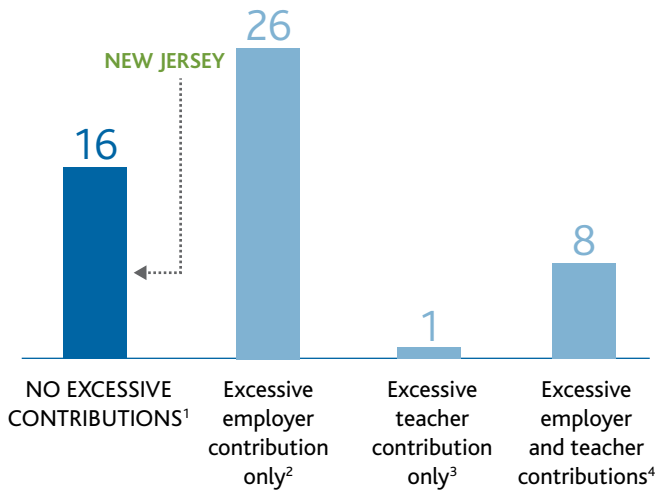


Figure 122

Do states require excessive contributions to their pension systems?



1. **Strong Practice:** Alaska, California, Colorado, District of Columbia, Florida, Illinois, Indiana, Minnesota, Nevada, New Jersey⁵, South Dakota, Tennessee, Texas, Vermont, Wisconsin, Wyoming

2. Alabama, Arkansas, Connecticut, Delaware, Georgia, Idaho, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Montana, New Hampshire, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, South Carolina, Utah, Virginia, Washington, West Virginia

3. Michigan⁶

4. Arizona, Hawaii, Mississippi, Missouri, Nebraska, New Mexico, Pennsylvania, Rhode Island

5. While not excessive, the employer and state contribution are quite low. The most recent total employer contribution was only 5.4 percent of the actuarially-determined annual required contribution.

6. Employer contribution rates to Michigan's new system have not yet been reported.

Figure 123

How much do state pension systems require teachers to contribute?

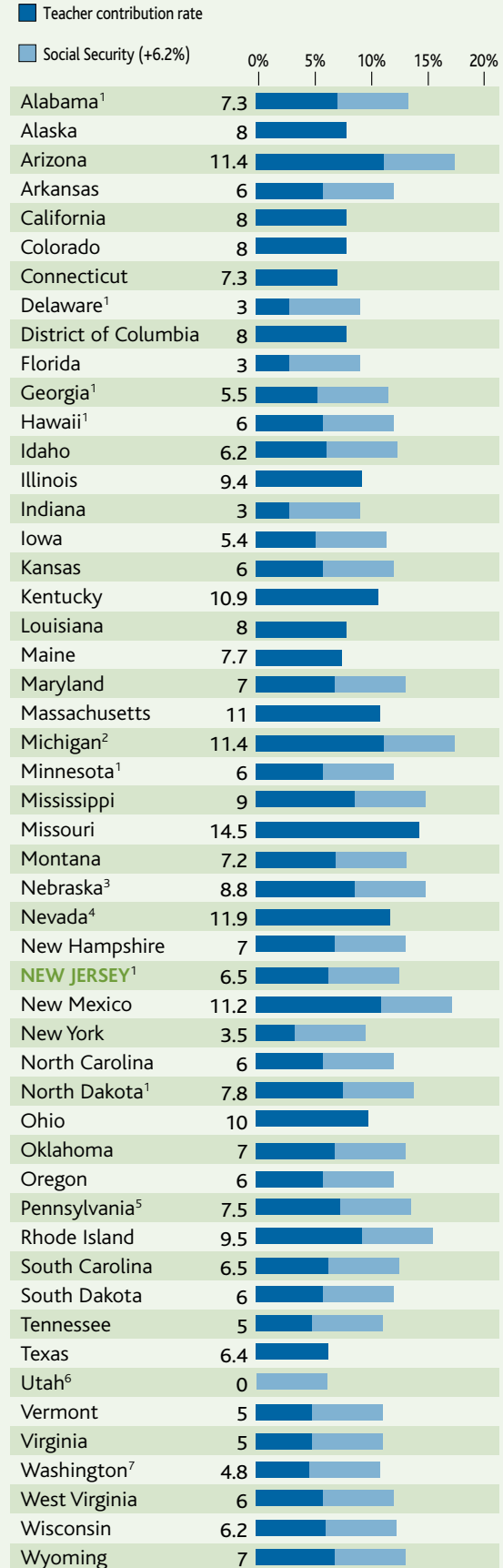


Figure 123

1. The contribution rate is set to increase in future years.
2. Teachers contribute 9.4 percent to the defined benefit component and are automatically enrolled to contribute 2 percent to the defined contribution component; teachers may change the latter rate.
3. The contribution rate is set to increase in 2012 and decrease in 2014.
4. Teachers share in the employer contribution through salary reductions or foregoing equivalent pay raises.
5. For teachers hired after July 1, 2011, the contribution ranges from 7.5-12.3 based on a variety of factors.
6. Teachers in the hybrid plan must make a mandatory contribution if the employer contribution does not cover system costs.
7. For the defined benefit plan; the rate varies for the defined contribution plan from a minimum of 5 percent.

Area 4: Delivering Well-Prepared Teachers

Goal I – Pension Neutrality

The state should ensure that pension systems are neutral, uniformly increasing pension wealth with each additional year of work.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The formula that determines pension benefits should be neutral to the number of years worked. It should not have a multiplier that increases with years of service or longevity bonuses.
2. The formula for determining benefits should preserve incentives for teachers to continue working until conventional retirement ages. Eligibility for retirement benefits should be based on age and not years of service.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 124

How States are Faring on Pension Neutrality



Progress on this Goal Since 2009:

↑ : 10 ↔ : 40 ↓ : 1



State Meets Goal



Progress Since 2009

ANALYSIS

New Jersey is commended for offering a defined contribution plan that is neutral, allowing teachers' pension wealth to increase in a uniform way.

Teachers' retirement wealth is determined by their monthly payments and the length of time they expect to receive those payments. Monthly payments are usually calculated as final average salary multiplied by years of service multiplied by a set multiplier (such as 1.5). Higher salary, more years of service or a greater multiplier increases monthly payments and results in greater pension wealth. Earlier retirement eligibility with unreduced benefits also increases pension wealth, because more payments will be received.

To qualify as neutral, a pension formula must utilize a constant benefit multiplier and an eligibility timetable based solely on age, rather than years of service. Basing eligibility for retirement on years of service creates unnecessary and often unfair peaks in pension wealth, while allowing unreduced retirement at a young age creates incentives to retire early. Plans that change their multipliers for various years of service do not value each year of teaching equally. Therefore, plans with a constant multiplier and that base retirement on an age in line with Social Security are likely to create the most uniform accrual of wealth.

New Jersey's pension plan is commended for utilizing a constant benefit multiplier of 1.66 percent and for basing retirement eligibility on age, rather than years of service. Vested teachers who became members of the system on or after June 28, 2011, may retire at age 65, which is almost aligned with Social Security retirement age. However, vested teachers who entered the system prior to this date may retire with unreduced benefits at age 60 or 62, depending on their date of entry, which means that teachers are receiving unreduced retirement benefits well before Social Security retirement age. In addition, the state's timetable for early retirement with reduced benefits is based on years of service, causing unequal treatment. These policies may encourage effective teachers to retire earlier than they might otherwise, and they also fail to treat equally those teachers who enter the system later in life.

Supporting Research

State of New Jersey Teachers' Pension and Annuity Fund, Member Handbook

<http://www.nj.gov/treasury/pensions/epbam/exhibits/handbook/tpafbook.pdf>

RECOMMENDATION

■ End retirement eligibility based on years of service.

New Jersey should change its practice of only allowing teachers with certain years of service to retire early with reduced benefits. If retirement at an earlier age is offered to some teachers with reduced benefits, it should be offered to all teachers regardless of years of service.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey noted that the enactment of several pieces of pension reform legislation over the last several years have created several tiers of membership in the Teachers' Pension and Annuity Fund with differing ages at which members are immediately vested and may retire on a service retirement. Tier 1 and 2

members enrolled prior to November 2, 2008 may retire at age 60. Tier 3 and 4 members enrolled on or after November 2, 2008 and before June 28, 2011 may retire at age 62. Tier 5 members enrolled on or after June 28, 2011 may retire at age 65.

The state added that the benefit multiplier differs based on tier membership. The benefit multiplier for Tier 1, 2 and 3 members is 1.81 percent and 1.66 percent for Tier 4 and 5 members.

Supporting Research

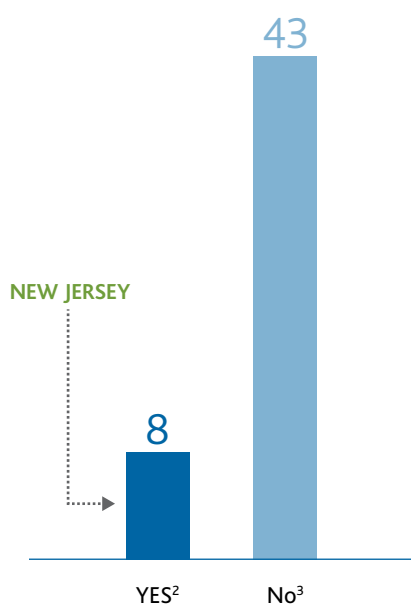
<http://www.state.nj.us/treasury/pensions/epbam/exhibits/factsheets/fact04.pdf>

LAST WORD

The analysis covers the policy for newly hired full-time teachers, as this policy reflects the state's current policy as it moves forward.

Figure 125

Do states base retirement eligibility on age, which is fair to all teachers?¹



1. This only refers to determining retirement eligibility, not retirement benefits.

2. **Strong Practice:** Alaska, Illinois, Louisiana, Maine, Michigan, Minnesota, New Hampshire, New Jersey

3. Alabama, Arizona, Arkansas, California, Colorado, Connecticut, Delaware, District of Columbia, Florida, Georgia, Hawaii, Idaho, Indiana, Iowa, Kansas, Kentucky, Maryland, Massachusetts, Mississippi, Missouri, Montana, Nebraska, Nevada, New Mexico, New York, North Carolina, North Dakota, Ohio, Oklahoma, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Tennessee, Texas, Utah, Vermont, Virginia, West Virginia, Washington, Wisconsin, Wyoming

Figure 126

- All calculations are based on a teacher who starts teaching at age 22, earns a starting salary of \$35,000 that increases 3 percent per year, and retires at the age s/he is first eligible for unreduced benefits. The calculations use states' current benefit formulas and do not include cost of living increases. The final average salary was calculated as the average of the highest three years of salary, even though a few states may vary from that standard. Age 65 was used as a point of comparison because it is the minimum eligibility for unreduced Social Security benefits.
- Does not apply to Alaska's defined contribution plan.
- Minnesota provides unreduced retirement benefits at the age of full Social Security benefits or age 66, whichever comes first.
- California's formula has many options for retirement. A teacher with 40 years of experience at age 62 would reach California's maximum allowable multiplier of 2.4 percent.
- Age 60 is the earlier teachers hired on or after July 1, 2012 may retire. Teachers hired prior to this point may retire at age 55.
- Massachusetts's formula has many options for retirement. A teacher with 35 years of experience at age 57 would reach Massachusetts's maximum allowable benefit of 80 percent.

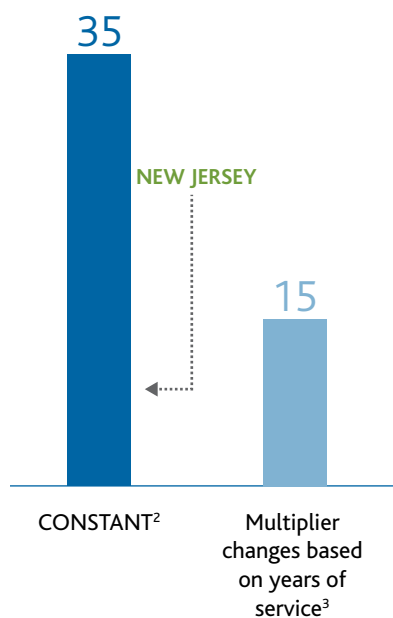
Figure 126

How much do states pay for each teacher that retires with unreduced benefits at an early age?¹

| State | Total amount in benefits paid per teacher from the time of retirement until age 65 | Earliest retirement age that a teacher who started teaching at age 22 may receive unreduced benefits |
|----------------------------|--|--|
| Alaska ² | | |
| Illinois | \$0 | 67 |
| Maine | \$0 | 65 |
| Minnesota ³ | \$0 | 66 |
| New Hampshire | \$0 | 65 |
| NEW JERSEY | \$0 | 65 |
| Washington | \$0 | 65 |
| Tennessee | \$238,654 | 52 |
| Michigan | \$289,187 | 60 |
| California ⁴ | \$310,028 | 62 |
| Indiana | \$317,728 | 55 |
| Hawaii ⁵ | \$337,385 | 60 |
| Kansas | \$337,385 | 60 |
| Oregon | \$361,536 | 58 |
| North Dakota | \$385,583 | 60 |
| Oklahoma | \$385,583 | 60 |
| Maryland | \$413,808 | 56 |
| Wisconsin | \$416,007 | 57 |
| Rhode Island | \$430,013 | 59 |
| New York | \$440,819 | 57 |
| Texas | \$443,421 | 60 |
| South Dakota | \$447,707 | 55 |
| Virginia | \$468,982 | 56 |
| Louisiana | \$481,979 | 60 |
| Florida | \$485,257 | 55 |
| Vermont | \$486,832 | 56 |
| Montana | \$518,228 | 47 |
| Connecticut | \$520,009 | 57 |
| Utah | \$520,009 | 57 |
| Iowa | \$551,428 | 55 |
| Idaho | \$551,743 | 56 |
| North Carolina | \$568,555 | 52 |
| South Carolina | \$577,142 | 50 |
| Nebraska | \$577,687 | 55 |
| West Virginia | \$577,687 | 55 |
| Delaware | \$577,927 | 52 |
| District of Columbia | \$585,737 | 52 |
| Massachusetts ⁶ | \$594,296 | 57 |
| Georgia | \$624,786 | 52 |
| Mississippi | \$624,786 | 52 |
| Alabama | \$625,747 | 47 |
| Colorado | \$650,011 | 57 |
| Pennsylvania | \$650,011 | 57 |
| Wyoming | \$655,506 | 54 |
| Arizona | \$664,340 | 55 |
| Arkansas | \$681,789 | 50 |
| Ohio | \$687,265 | 52 |
| New Mexico | \$734,124 | 52 |
| Nevada | \$780,983 | 52 |
| Missouri | \$789,343 | 51 |
| Kentucky | \$791,679 | 49 |

Figure 127

What kind of multiplier do states use to calculate retirement benefits?¹



1. Alaska has a defined contribution plan, which does not have a benefit multiplier.

2. **Strong Practice:** Alabama, Arkansas, Colorado, Delaware, District of Columbia, Georgia, Hawaii, Idaho, Illinois, Indiana, Kansas, Louisiana, Maine, Maryland, Michigan, Minnesota, Montana, Nebraska, Nevada, New Jersey, New Mexico, North Carolina, North Dakota, Oklahoma, Oregon, Pennsylvania, South Carolina, South Dakota, Tennessee, Texas, Utah, Virginia, Washington, West Virginia, Wisconsin

3. Arizona, California, Connecticut, Florida, Iowa, Kentucky, Massachusetts, Mississippi, Missouri, New Hampshire, New York, Ohio, Rhode Island, Vermont, Wyoming

★ EXAMPLES OF BEST PRACTICE

Alaska offers a defined contribution pension plan that is neutral, with pension wealth accumulating in an equal way for all teachers for each year of work. In addition, **Illinois**, **Minnesota** and **New Jersey** offer a defined benefit plan with a formula multiplier that does not change relative to years of service and does not allow unreduced benefits for retirees below age 65. Illinois and New Jersey are further commended for ending their previous practices of allowing teachers to retire well before Social Security age without a reduction in benefits.

Figure 128

Double-Dipping: Cure the Disease, Not the Symptom

Benefit recipients in teacher pension plans have recently been under scrutiny for “double-dipping,” when individuals receive a pension and salary at the same time. This can occur when teachers reach retirement eligibility, yet wish to keep working without losing pension wealth. Teachers can retire, start receiving their monthly benefits and then return to teaching. The restrictions on a teacher’s ability to return to work vary from state to state. Policies can include waiting periods, limitations on earnings or restrictions to working in difficult-to-fill positions.

Some descriptions portray teachers working while collecting their pensions as greedy or somehow taking advantage, when in fact they are just following the system that is in place. When a teacher reaches retirement eligibility in a defined benefit system, her pension wealth peaks and, after that, wealth accrual slows or even decreases because every year a teacher delays retirement, she loses a year of pension benefits. For example, if a teacher could retire with 60 percent of her salary at age 56, then every year she teaches past that point she is, in effect, working for only 40 percent of her pay because she is not receiving her pension. This puts relatively young teachers and the districts who wish to retain them in a difficult position. Districts want to keep effective teachers in schools, but the financial reality for teachers is hard to pass up.

Retirees returning to work are also an issue for defined benefit pension system funding because contributions are not being made to the system that would be made if those positions were held by non-retirees. This adds to the funding imbalances that many states’ defined benefit systems face.

Some states have created Deferred Retirement Option Plans (DROP) in which retirees can have their benefits placed in a savings account while they return to work and, once they retire again, they can receive the lump sum in their DROP accounts and resume their monthly benefits.

Returning to work would not be a large policy issue if systems did not allow teachers to retire with unreduced benefits at such relatively young ages and if pension wealth accrual were more neutral. An effective teacher should be able to keep teaching and at the same time know that her pension wealth will not erode. More systemic fixes—like the ones outlined in the *Yearbook*—are needed. Calls to prohibit double-dipping are not addressing the real problem.

Area 5: Exiting Ineffective Teachers

Goal A – Licensure Loopholes

The state should close loopholes that allow teachers who have not met licensure requirements to continue teaching.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. Under no circumstances should a state award a standard license to a teacher who has not passed all required subject-matter licensing tests.
2. If a state finds it necessary to confer conditional or provisional licenses under limited and exceptional circumstances to teachers who have not passed the required tests, the state should ensure that requirements are met within one year.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 129

How States are Faring on Closing Licensure Loopholes



Progress on this Goal Since 2009:

↑ : 5 ↔ : 46 ↓ : 0



ANALYSIS

New Jersey requires that all new teachers pass all required subject-matter tests as a condition of initial licensure.

Supporting Research

New Jersey Instructional Certification

<http://www.state.nj.us/education/educators/license/instructcert.htm>

N.J.A.C. 6A:9-8.1

NEW JERSEY RESPONSE TO ANALYSIS

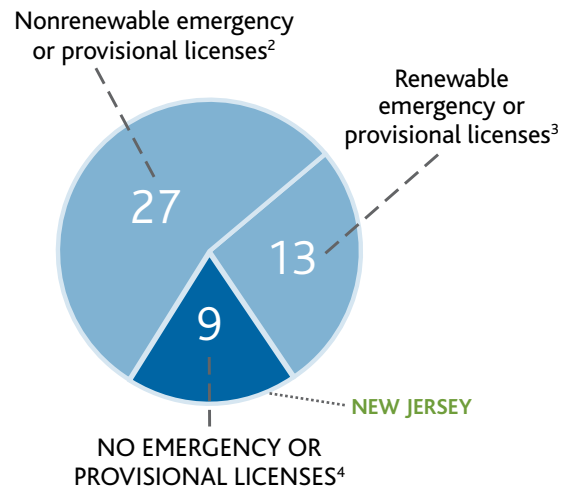
New Jersey recognized the factual accuracy of this analysis.

★ EXAMPLES OF BEST PRACTICE

Colorado, Illinois, Mississippi, and New Jersey require all new teachers to pass all required subject-matter tests as a condition of initial licensure.

Figure 130

Do states still award emergency licenses?¹



1. Not applicable to Montana and Nebraska, which do not require subject matter testing.

2. Alabama, Alaska, Arkansas, California, Connecticut, Delaware, District of Columbia, Florida, Georgia, Idaho, Iowa, Kansas, Kentucky, Maryland, Massachusetts, New Hampshire, New York, North Carolina, North Dakota⁵, Ohio⁵, Oklahoma, Oregon, Rhode Island, Vermont, Washington, West Virginia, Wyoming

3. Arizona, Hawaii, Indiana, Louisiana, Maine, Michigan, Minnesota, Missouri, Pennsylvania, South Dakota, Tennessee, Texas, Wisconsin

4. **Strong Practice:** Colorado, Illinois, Mississippi, Nevada, New Jersey, New Mexico, South Carolina, Utah, Virginia

5. License is renewable, but only if licensure tests are passed.

Figure 131

1. Iowa only requires subject-matter testing for elementary teachers.

2. Montana does not require subject-matter testing.

3. Nebraska does not require subject-matter testing.

4. There is a potential loophole in Utah, as alternate route teachers appear able to delay passage of subject-matter tests.

5. Wyoming only requires subject-matter testing for elementary and social studies teachers.

Figure 131

How long can new teachers practice without passing licensing tests?

| | NO DEFERRAL | Up to 1 year | Up to 2 years | 3 years or more (or unspecified) |
|-----------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Alabama | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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| Delaware | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Florida | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Indiana | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Iowa ¹ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
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| North Dakota | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oklahoma | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rhode Island | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Carolina | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Tennessee | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Utah ⁴ | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming ⁵ | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| | 9 | 14 | 8 | 18 |

Area 5: Exiting Ineffective Teachers

Goal B – Unsatisfactory Evaluations

The state should articulate consequences for teachers with unsatisfactory evaluations, including specifying that teachers with multiple unsatisfactory evaluations should be eligible for dismissal.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should require that all teachers who receive a single unsatisfactory evaluation be placed on an improvement plan, whether or not they have tenure.
2. The state should require that all teachers who receive two consecutive unsatisfactory evaluations or two unsatisfactory evaluations within five years be formally eligible for dismissal, whether or not they have tenure.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 132

How States are Faring on Consequences for Unsatisfactory Evaluations



Progress on this Goal Since 2009:

↑ : 15 ↔ : 35 ↓ : 1



State Does Not Meet Goal



Progress Since 2009

ANALYSIS

New Jersey does not have a policy regarding teachers who receive unsatisfactory evaluations..

RECOMMENDATION

- **Require that all teachers who receive unsatisfactory evaluations be placed on improvement plans.**

New Jersey should adopt a policy requiring that teachers who receive even one unsatisfactory evaluation be placed on structured improvement plans. These plans should focus on performance areas that directly connect to student learning and should list noted deficiencies, define specific action steps necessary to address these deficiencies and describe how and when progress will be measured.

- **Make eligibility for dismissal a consequence of unsatisfactory evaluations.**

Teachers who receive two consecutive unsatisfactory evaluations or have two unsatisfactory evaluations within five years should be formally eligible for dismissal, regardless of whether they have tenure. New Jersey should adopt a policy that ensures that teachers who receive such unsatisfactory evaluations are eligible for dismissal.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey asserted that the state allows the local board of education to withhold salary increments "for inefficiency or other good cause." In addition, teachers can be dismissed for "inefficiencies, incapacity, conduct unbecoming, or other just cause." The state asserted that it is clear that what NCTQ calls ineffectiveness is what New Jersey refers to as inefficiency.

In addition, New Jersey noted that the policy for the evaluation of both tenured and non-tenured teachers specifies that a tenured teacher's annual evaluation should include (1) areas of strength; (2) areas needing improvement based upon the job description; (3) an individual professional development plan and (4) a summary of indicators of student progress and growth and a statement of how these indicators relate to the effectiveness of the overall program and the performance of the individual teaching staff member.

Supporting Research

N.J.S.A. 18A:29-14; N.J.S.A. 18A:28-5;
N.J.A.C. 6A:32-4.4, 4.5; N.J.A.C.6A:3-5.1(c)
18A:6-11

LAST WORD

While the state's intent might be to make teachers eligible for dismissal for ineffectiveness, "inefficiency" is too ambiguous a term; the state should consider clarifying this policy. In addition, while incorporating strengths and areas for improvement in all teachers' annual evaluations is strong policy, the state should consider requiring improvement plans specifically for those teachers who receive unsatisfactory evaluations so that they have an opportunity to correct any noted deficiencies and improve their performance.

Figure 133

What are the consequences for teachers who receive unsatisfactory evaluations?

| | IMPROVEMENT PLAN AFTER A SINGLE UNSATISFACTORY RATING | ELIGIBLE FOR DISMISSAL AFTER MULTIPLE UNSATISFACTORY RATINGS | Other consequences | No articulated consequences |
|----------------------|---|--|--|--|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alaska | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Arkansas | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| California | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Connecticut | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Delaware | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Florida | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Georgia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ¹ | <input type="checkbox"/> |
| Illinois | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Indiana | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kentucky | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Louisiana | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ² | <input type="checkbox"/> |
| Michigan | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Minnesota | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ³ |
| Missouri | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ⁴ | <input type="checkbox"/> |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Mexico | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| New York | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input checked="" type="checkbox"/> | <input type="checkbox"/> ⁵ | <input type="checkbox"/> | <input type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ⁶ | <input type="checkbox"/> |
| Oklahoma | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Carolina | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| South Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Tennessee | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Texas | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Utah | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Washington | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| | 27 | 17 | 8 | 17 |

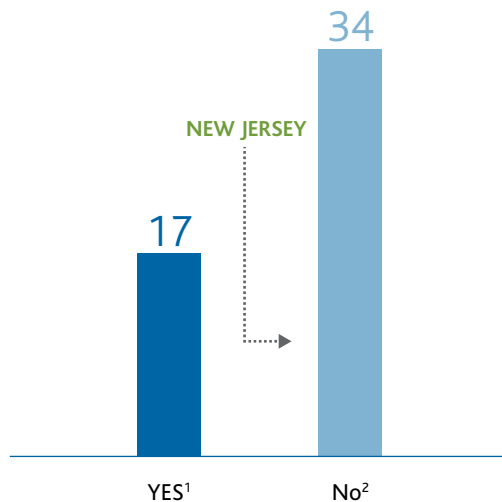
1. Teachers could face nonrenewal based on evaluation results, but it is not clear that a teacher is eligible for dismissal after multiple unsatisfactory evaluations.
2. While results of evaluations may be used in dismissal decisions, there are no specific criteria for a teacher's eligibility for dismissal.
3. Improvement plans are only used for teachers in identified "Schools At Risk." Those same teachers are also eligible for dismissal for multiple unsatisfactory evaluations.
4. A teacher reverts to probationary status after two consecutive years of unsatisfactory evaluations, but it is not clear that a teacher is eligible for dismissal.
5. Teachers in low performing schools can be dismissed after one negative rating.
6. Local school boards must include procedures for using evaluation results for the removal of poorly performing teachers.

★ EXAMPLES OF BEST PRACTICE

Illinois and **Oklahoma** both require that teachers who receive unsatisfactory evaluations be placed on improvement plans. Teachers in Illinois are then evaluated three times during a 90-day remediation period and are eligible for dismissal if performance remains unsatisfactory. In addition, new legislation in Illinois allows districts to dismiss a teacher without going through the remediation process if that teacher has already completed a remediation plan but then receives an unsatisfactory rating within the next three years. Oklahoma's improvement plan may not exceed two months, and if performance does not improve during that time, teachers are eligible for dismissal.

Figure 134

Do states specify that all teachers with multiple unsatisfactory evaluations are eligible for dismissal?



1. **Strong Practice:** Alaska, Arkansas, Colorado, Delaware, Florida, Hawaii, Illinois, Indiana, Louisiana, Michigan, New Mexico, New York, Oklahoma, Pennsylvania, Rhode Island, Tennessee, Washington

2. Alabama, Arizona, California, Connecticut, District of Columbia, Georgia, Idaho³, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Minnesota, Mississippi, Missouri, Montana, Nebraska, Nevada⁴, New Hampshire, New Jersey, North Carolina, North Dakota, Ohio, Oregon, South Carolina, South Dakota, Texas, Utah, Vermont, Virginia, West Virginia, Wisconsin, Wyoming

3. Teachers could face nonrenewal based on evaluation results, but it is not clear that a teacher is eligible for dismissal after multiple unsatisfactory evaluations.

4. A teacher reverts to probationary status after two consecutive years of unsatisfactory evaluations, but it is not clear that a teacher is eligible for dismissal.

Area 5: Exiting Ineffective Teachers

Goal C – Dismissal for Poor Performance

The state should articulate that ineffective classroom performance is grounds for dismissal and ensure that the process for terminating ineffective teachers is expedient and fair to all parties.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should articulate that teachers may be dismissed for ineffective classroom performance.
2. A teacher who is terminated for poor performance should have an opportunity to appeal. In the interest of both the teacher and the school district, the state should ensure that this appeal occurs within a reasonable time frame.
3. There should be a clear distinction between the process and accompanying due process rights for teachers dismissed for classroom ineffectiveness and the process and accompanying due process rights for teachers dismissed or facing license revocation for felony or morality violations or dereliction of duties.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 135

How States are Faring in Dismissal for Poor Performance



Progress on this Goal Since 2009:

↑ : 16 ↔ : 35 ↓ : 0



State Does Not Goal



Progress Since 2009

ANALYSIS

In New Jersey, tenured teachers who are dismissed have multiple opportunities to appeal. After receiving notice of dismissal, teachers have 15 days to respond, unless given an extension for good cause. The commissioner then has 15 days to determine whether or not the charges warrant dismissal. If so, the commissioner refers the case to the Office of Administrative Law for a hearing. However, the state does not articulate a time frame for these proceedings except to say that a decision must be given within 60 days of the hearing's end. It appears that teachers may file a second appeal that would proceed according to the rules in the Administrative Procedure Act.

New Jersey does not explicitly make teacher ineffectiveness grounds for dismissal, nor does the state distinguish the due process rights of teachers dismissed for ineffective performance from those facing other charges commonly associated with license revocation, such as a felony and/or morality violations. The process is the same regardless of the grounds for cancellation, which include "inefficiency, incapacity, conduct unbecoming a teacher or other just cause."

Supporting Research

N.J.S.A. 18A: 6-10; 6-11; 6-16; 6-25

RECOMMENDATION

■ **Specify that classroom ineffectiveness is grounds for dismissal.**

Euphemistic terms such as "inefficiency" are ambiguous at best and may be interpreted as concerning dereliction of duty rather than ineffectiveness. New Jersey should explicitly make teacher ineffectiveness grounds for dismissal so that districts do not feel they lack the legal basis for terminating consistently poor performers.

■ **Ensure that teachers terminated for poor performance have the opportunity to appeal within a reasonable time frame.**

Nonprobationary teachers who are dismissed for any grounds, including ineffectiveness, are entitled to due process. However, cases that drag on for years drain resources from school districts and create a disincentive for districts to attempt to terminate poor performers. Therefore, the state must ensure that the opportunity to appeal occurs only once and only at the district level. It is in the best interest of both the teacher and the district that a conclusion is reached within a reasonable time frame.

■ **Distinguish the process and accompanying due process rights between dismissal for classroom ineffectiveness and dismissal for morality violations, felonies or dereliction of duty.**

While nonprobationary teachers should have due process for any termination, it is important to differentiate between loss of employment and issues with far-reaching consequences that could permanently impact a teacher's right to practice. New Jersey should ensure that appeals related to classroom effectiveness are only decided by those with educational expertise.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey was helpful in providing NCTQ with facts that enhanced this analysis. The state asserted that teaching staff members under tenure may only be removed after a hearing on charges of "inefficiency, incapacity, unbecoming conduct or other just cause." It is clear that what NCTQ calls ineffectiveness is what New Jersey refers to as inefficiency. The state referred to statute that says, "If the charge is ineffi-

ciency, prior to making its written determination as to certification, the board shall provide the employee with written notice of the alleged inefficiency, specifying the nature thereto, and allow at least 90 days in which to correct and overcome the inefficiency.”

The state noted that specific timelines are set for each stage of the tenure hearing process. For non-tenured teachers, all the process they are due is in their contracts—usually a 60-day notice for termination for any cause. Nontenured individuals may be entitled to a name-clearing hearing before the Commissioner if their reputations have been tainted by the district’s allegations of wrong-doing.

Supporting Research

N.J.S.A. 18A: 6- 10

18A:6- 11 (and case law and N.J.A.C.6A:3-5.1(c))

N.J.A.C. 6A:3-5.1 to 5.6 ; N.J. S. A. 18A: 52-14B-10.1; N.J.A.C. 1:6B-1.1 to 14.2

LAST WORD

It is not at all clear that what NCTQ calls ineffectiveness is what New Jersey refers to as inefficiency. This is not a matter of semantics. If New Jersey intends to permit the dismissal of teachers for ineffectiveness, then the state should articulate policy to say as much. Unfortunately, the current terms the state uses to define grounds for dismissal fail to make it clear for districts that they can legally terminate poor performers.

Figure 136

Do states articulate that ineffectiveness is grounds for dismissal?

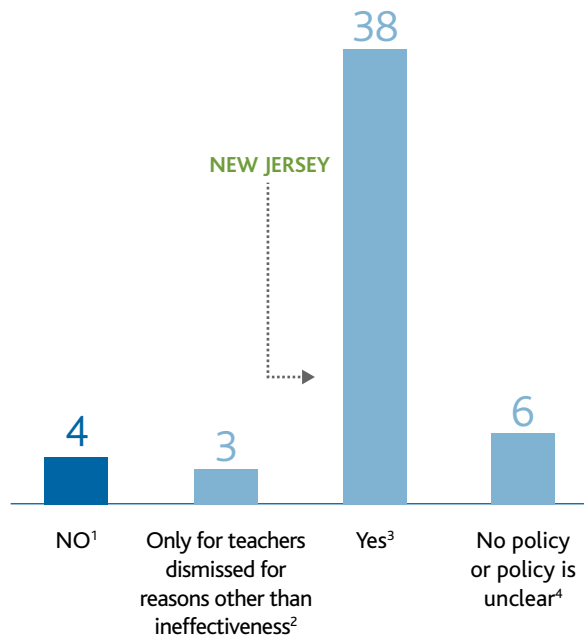
| | YES, THROUGH DISMISSAL POLICY | YES, THROUGH EVALUATION POLICY | No |
|----------------------|-------------------------------------|-------------------------------------|--|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ¹ |
| Arkansas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Colorado | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Connecticut | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Delaware | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Florida | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Illinois | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Indiana | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Iowa | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kansas | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Kentucky | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Louisiana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maine | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Maryland | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Massachusetts | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Michigan | <input type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
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| Montana | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ² |
| New Hampshire | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| NEW JERSEY | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| New York | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oklahoma | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Rhode Island | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| South Carolina | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Utah | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ³ |
| Washington | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> ³ |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Wyoming | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | 9 | 13 | 38 |

★ EXAMPLES OF BEST PRACTICE

Oklahoma clearly articulates that teacher ineffectiveness in the classroom is grounds for dismissal and has taken steps to ensure that the dismissal process for teachers deemed to be ineffective is expedited. Teachers facing dismissal have only one opportunity to appeal.

Figure 137

Do states allow multiple appeals of teacher dismissals?



1. **Strong Practice:** Florida, Louisiana, Oklahoma, Wisconsin

2. Teachers in these states revert to probationary status following ineffective evaluation ratings, meaning that they no longer have the due process right to multiple appeals: Colorado, Indiana, Tennessee

3. Alabama, Alaska, Arizona, Arkansas, California, Connecticut, Delaware, Georgia, Hawaii, Idaho, Illinois⁵, Iowa, Kansas, Kentucky, Maryland, Massachusetts, Michigan, Minnesota, Mississippi, Missouri, Montana, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio, Oregon, Pennsylvania, Rhode Island, South Carolina, South Dakota, Texas, Virginia, Washington, West Virginia, Wyoming

4. District of Columbia, Maine, Nebraska, Nevada⁶, Utah, Vermont

5. The teacher is responsible for the cost of the second appeal.

6. Though a teacher returns to probationary status after two consecutive unsatisfactory ratings, the state does not articulate clear policy about its appeals process.

Figure 136

1. It is left to districts to define "inadequacy of classroom performance."

2. A teacher reverts to probationary status after two consecutive years of unsatisfactory evaluations, but it is not articulated that ineffectiveness is grounds for dismissal.

3. Dismissal policy includes dismissal for unsatisfactory evaluations, but the state's evaluation system does not measure teacher effectiveness (see Goal 3-B).

Area 5: Exiting Ineffective Teachers

Goal D – Reductions in Force

The state should require that its school districts consider classroom performance as a factor in determining which teachers are laid off when a reduction in force is necessary.

Goal Components

(The factors considered in determining the states' rating for the goal.)

1. The state should require that districts consider classroom performance and ensure that seniority is not the only factor used to determine which teachers are laid off.

Background

A detailed rationale and supporting research for this goal can be found at www.nctq.org/stpy.

Figure 138

How States are Faring in Reductions in Force



Progress on this Goal Since 2009:

New Goal



ANALYSIS

In New Jersey, the factors used to determine which teachers are laid off during a reduction in force consider a teacher's seniority in the context of "standards to be established by the commissioner with the approval of the state board" and cannot consider "residence, age, sex, marriage, race, religion or political affiliation."

Supporting Research

New Jersey Statute 18A:28-10

RECOMMENDATION

- **Require that districts consider classroom performance as a factor in determining which teachers are laid off during reductions in force.**

New Jersey should give districts the flexibility to determine their own layoff policies, but it should do so within a framework that ensures that classroom performance is considered.

- **Ensure that seniority is not the only factor used to determine which teachers are laid off.**

Although it may be useful to consider seniority among other criteria, New Jersey's current policy puts adult interests before student needs.

NEW JERSEY RESPONSE TO ANALYSIS

New Jersey recognized the factual accuracy of this analysis.

Figure 139

Do states prevent districts from basing layoffs solely on “last in, first out”?

| | PERFORMANCE MUST BE CONSIDERED | SENIORITY CANNOT BE THE DECIDING FACTOR |
|----------------------|-------------------------------------|--|
| Alabama | <input type="checkbox"/> | <input type="checkbox"/> |
| Alaska | <input type="checkbox"/> | <input type="checkbox"/> |
| Arizona | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Arkansas | <input type="checkbox"/> | <input type="checkbox"/> |
| California | <input type="checkbox"/> | <input type="checkbox"/> |
| Colorado | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Connecticut | <input type="checkbox"/> | <input type="checkbox"/> |
| Delaware | <input type="checkbox"/> | <input type="checkbox"/> |
| District of Columbia | <input type="checkbox"/> | <input type="checkbox"/> |
| Florida | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Georgia | <input type="checkbox"/> | <input type="checkbox"/> |
| Hawaii | <input type="checkbox"/> | <input type="checkbox"/> |
| Idaho | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Massachusetts | <input type="checkbox"/> | <input type="checkbox"/> |
| Michigan | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Minnesota | <input type="checkbox"/> | <input type="checkbox"/> |
| Mississippi | <input type="checkbox"/> | <input type="checkbox"/> |
| Missouri | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Montana | <input type="checkbox"/> | <input type="checkbox"/> |
| Nebraska | <input type="checkbox"/> | <input type="checkbox"/> |
| Nevada | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
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| New Mexico | <input type="checkbox"/> | <input type="checkbox"/> |
| New York | <input type="checkbox"/> | <input type="checkbox"/> |
| North Carolina | <input type="checkbox"/> | <input type="checkbox"/> |
| North Dakota | <input type="checkbox"/> | <input type="checkbox"/> |
| Ohio | <input type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oklahoma | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Oregon | <input type="checkbox"/> | <input type="checkbox"/> |
| Pennsylvania | <input type="checkbox"/> | <input type="checkbox"/> |
| Rhode Island | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
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| Utah | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| Vermont | <input type="checkbox"/> | <input type="checkbox"/> |
| Virginia | <input type="checkbox"/> | <input type="checkbox"/> |
| Washington | <input type="checkbox"/> | <input type="checkbox"/> |
| West Virginia | <input type="checkbox"/> | <input type="checkbox"/> |
| Wisconsin | <input type="checkbox"/> | <input type="checkbox"/> |
| Wyoming | <input type="checkbox"/> | <input type="checkbox"/> |
| | 11 | 17 |

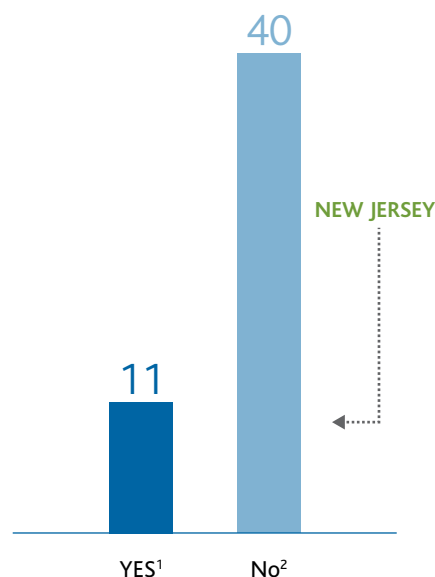


EXAMPLES OF BEST PRACTICE

Colorado, Florida and **Indiana** all specify that in determining which teachers to lay off during a reduction in force, classroom performance is the top criterion. These states also articulate that seniority can only be considered after a teacher's performance is taken into account.

Figure 140

Do districts have to consider performance in determining which teachers are laid off?



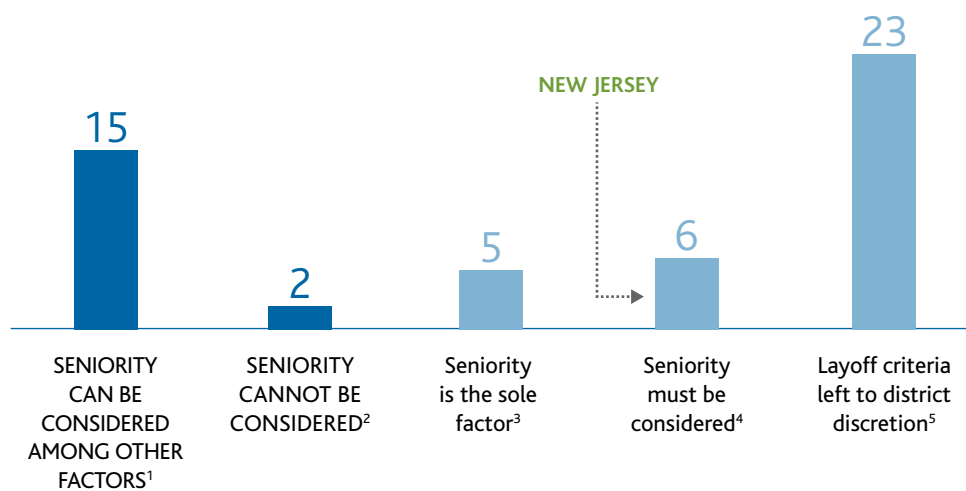
1. **Strong Practice:** Colorado, Florida, Illinois, Indiana, Michigan, Missouri, Oklahoma, Rhode Island, Tennessee, Texas, Utah

2. Alabama, Alaska, Arizona, Arkansas, California, Connecticut, Delaware, District of Columbia, Georgia, Hawaii, Idaho, Iowa, Kansas, Kentucky, Louisiana, Maine, Maryland, Massachusetts, Minnesota, Mississippi, Montana, Nebraska, Nevada, New Hampshire, New Jersey, New Mexico, New York, North Carolina, North Dakota, Ohio³, Oregon, Pennsylvania, South Carolina, South Dakota, Vermont, Virginia, Washington, West Virginia, Wisconsin, Wyoming

3. Tenure is considered first.

Figure 141

Do states prevent districts from overemphasizing seniority in layoff decisions?



1. **Strong Practice:** Arizona, Colorado, Florida, Illinois, Indiana, Maine, Michigan, Missouri⁶, Nevada, New Hampshire, Ohio⁶, Oklahoma, Rhode Island, Tennessee, Texas

2. **Strong Practice:** Idaho, Utah

3. Hawaii, New York, Pennsylvania, West Virginia, Wisconsin⁷

4. California, Kentucky, Louisiana, Minnesota, New Jersey, Oregon

5. Alabama, Alaska⁶, Arkansas, Connecticut, Delaware, District of Columbia, Georgia⁶, Iowa, Kansas, Maryland, Massachusetts⁶, Mississippi, Montana, Nebraska⁶, New Mexico, North Carolina, North Dakota, South Carolina, South Dakota, Vermont, Virginia, Washington, Wyoming

6. Nontenured teachers are laid off first.

7. Only for counties with populations of 500,000 or more and for teachers hired before 1995.

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